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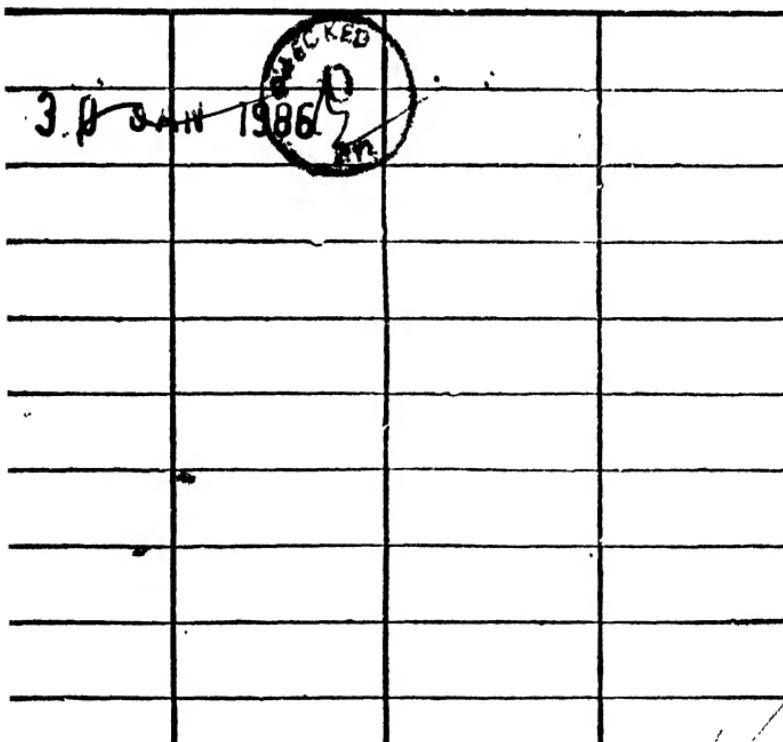
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OM

Wisdom of the Rishis

or

Works of Pt. Gurudutta Vidyarthi M. A.

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A BIOGRAPHICAL SKETCH

OF

PANDITA GURUDATTA

(By Pt. Chamupati M.A)

Pandit Gurudatta is recognised to have been the greatest achievement of Rishi Dayananda for his ancient Aryan church. The dying glance of the Rishi had miraculously transformed the mettle which was there in the young intrepid scholar. Had not death cut short his scholastic career so early, the Arya Samaj and through it the whole world of religious and metaphysical thought may have been considerably enriched by his erudite philosophic contributions, of which the few dissertations and brief discourses he could, in the midst of his manifold activities, find time to write, gave sure promise. An unmistakable vein of sincere love of truth for which no sacrifice of personal glory and earthly possession and comfort was too great, runs through them all. This marks Gurudatta out as a genuine philosopher, whose craving for spiritual light was not simply intellectual, it was the innermost call of his disconsolate soul. He it was who recognized in the last glance of Rishi Dayananda the soul of a seer, anxious to save a money-mad world from the dismal abyss of gross materialism, to guide it away by the help of the eternal light of the Veda to the empyrean heights of Spiritual Bliss. In that departing glance he read a message, a command to take up the challenge which the *asuri* denominated, forces of Mammon were throwing out to the ancient *daiva*, divine, culture of the Rishis. The young boy of nineteen took the challenge up, and coming of a warlike race fought to the last on the side of truth and righteousness. His was the death of a hero who, like another young boy whom Muse glorifies as

having died on the station of his duty in another sphere.

Pandita Gurudatta was the last male child of Lala Radhakishen Sardana of Multan, whose ancestors had distinguished themselves in the field both of letters and arms. He was born on 26th April 1864.

His grandfather was the ambassador of Nawab of Bahawalpur in the court of the Amir of Kabul. From him he inherited an aptitude for Persian which by a little training in the primary classes gave him a working mastery of that language so that he could in his boyhood dip into the deepest waters of the Persian literature. He conceived a fondness for Samskrita too in his chooldays. And the first book that after his study of the Samskrita Primer fell into the young boy's hands was the Rig Vedadi Bhashya Bhumika of Swami Dayananda. He forthwith approached the authorities of Arya Samaj at Multan and challenged them to either make arrangements for his study of the Ashtadhyayi and the Vedas or accept that the scriptures for which they claimed infallibility were only trash. The alternative proposed appears to us to be an index to his inner nature. In his heart of hearts he was convinced of the intellectual and spiritual worth of the Vedas, an introduction to which by the Rishi of the time he had already read. It was his impatience, an irresistible zeal to read more which prompted him to the blasphemous insinuation that the Vedas could, if they were not taught him, be regarded as trash. The Multan Arya Samaj engaged a Pandita who found it beyond his learning and pedagogic capacity to satisfy the little *Vidyardhi*. The *Vidyardhi* solved his own puzzles of Grammar and the Vedas, and though the arrangement made by the Samaj was not satisfactory, he did not regard the Vedas as trash. In 1881 he matriculated. It was in this year that he got himself registered in the Arya Samaj as member. In 1883 he undergraduated. He had

in the interim founded a Free Debating Club, where profound philosophical questions used to be discussed.

Gurudatta was now passing through that period of his life when the mind of a youngman is yet in a fluid state. The college days of mental and spiritual intractability. The supreme authority to a college-boy is his own virgin opinion. In those days, if ever. liberty of thought holds an absolute sway over a man's mentality. The age of greatest impressionability is also the age of greatest intractability. Every day and every hour new opinions are borrowed. Every new thought however has during the regime its suzerainty absolute. Pandita Gurudatta's progress in grasping and assimilating ideas and facts was tremendously rapid. Somehow he acquired the notoriety of being an atheist. Those who had the occasion to live close to him bear witness to a strong sceptic disposition in him, which to them was a mark of an intensely inquisitive frame of mind. Gurudatta, even when some thought he was an atheist, continued a staunch Arya Samajist. And when the news was received of Rishi Dayananda's illness at Ajmere. the Arya Samaja at Lahore deputed Lalas Jivan Das and Gurudatta to go and tend him. The resources of the Arya Samaja appear to have been very poor at the time so that the choice for an errand of such importance and responsibility could fall on a lad of nineteen. To Gurudatta the occasion afforded an opportunity of his first and last *darshana* of his beloved Rishi. He saw the *Rishi* dying. Not a word passed between the Master and his devotee. but Gurudatta's whole nature had in the meantime silently taken a turn. When he returned to Lahore, he was evidently a changed man. His former frivolity, his impatience, his scepticism had in an instant left him. The zeal was there, but now it was wedded to seriousness. Somehow the feeling had dawned on Gurudatta that the Rishi had by his last glance let his

mantle drop on his shoulders. To others the privileges of succession, to Gurudatta were passed the obligations of the Rishi's mission.

In 1885 he graduated and in 1886 he passed his M. A. His subject was Physical Science. The position secured by him in the pass list remains yet a record in the University which no succeeding candidate has yet surpassed. In the meantime Gurudatta had been touring the Punjab attending anniversaries of Arya Samajes. He had been busy reading the scriptures and books on philosophy and religion both eastern and western. For two years he was acting Professor at the Government College where his deep erudition and pedagogic capability met with high and well-merited appreciation. The movement to found a college in memory of Rishi Dayananda had, since the death of the Sage, been launched by the guiding spirits of the Arya Samaja. Gurudatta threw himself heart and soul into the campaign to collect funds for that, to him, sacred institution. The speeches he delivered on behalf of the cause were recognised as wonderful specimens of erudition and oratory. The D. A. V. College of Pandita Gurutta's dream was an institution where *Brahma charya* would be the dominant factor in the life of the students and ancient *Shastras* the primary study in the curriculum of the academy. He was yet living when under the influence of the University the D. A. V. college was given its present shape and character. He expressed strong dissatisfaction with its new aims; and puts emphatically on record his disagreement with its then conductors as regards their educational policy. In the short period of six years after he had seen the Rishi he had acquired marvellous mastery of sacred books of Samskrita. A treatise by him entitled "The Terminology of the Vedas" was included in the course of Samskrita for the degree examination at Oxford. His translation of a few of the

Upanishads, when after his death copies of it were sent to America on the occasion of the Parliament of Religions held at Chicago in 1896, won such appreciation that an American edition of it was published by an American publisher, of his own accord. Gurudatta spoke, for hours in Samskrita, which feat won him the title 'Pandita' which sticks still to his name. He in his humility styled himself Vidyarthi, while those who heard him styled him Pandita. This was true Brahmana spirit which marked Gurudatta throughout his career. To his Ashtadhyayi class came some old men, among them an E. A. C. who had taken leave for the sole object of reading Grammar with Gurudatta. A youngman of only twenty-six attracting pupil of all ages, and making such stir among the populace recalled scenes from the hoary history of Bharata Varsha of the time of Janaka and Yajanvalkya.

The strain on the nerves of Gurudatta had been great. He had tried to compress within three years what normally should have taken a life-time to accomplish. He had amassed a great deal of learning, so that in his time he had well-nigh become an authority on the true meaning of scriptures. But this ceaseless assiduity had cost him his health. During his school days Gurudatta had been fond of physical exercise. His physique was strong, but his mental labour had of late been great, so that in 1889 he fell victim to consumption, and finding it impossible even then to rest, succumbed to the dire disease in March 1890. He was advised by doctors to take meat, which would uphold him in his weakness. But the smiling answer of the Vidyarthi was :—'Will meat make me immortal ? Will it make me death-proof ever after ? If not, why for a chance of saving one's own life, bring about certain death of another ?' During the night in which P. Gurudatta died Ish-Upanishad had at his request been repeatedly recited to him. His references

to incidents in Rishi Dayananda's life had always formed a pathetic portion of his speeches. People had therefore urged him to write a biography of the Swami, which the Pandita had gladly consented to do. When the Pandita was on the point of death somebody asked where his manuscript of the biography was. The Pandita characteristically replied, "I have been trying conscientiously to record the life-account of my Rishi not on paper, not in ink, but in my own day-to-day life. It was my ambition to live Dayananda. My body, alas! has failed me. I lay it down, gladly in the hope that the next vehicle will be more in conformity with the aspirations of soul."

To us a thread appears to run through the variegated phases of Gurpdatta's life. He was a heroic soul, passionately zealous, impatiently inquisitive, conscientious and inordinately sincere and true. He believed in the Vedas and yet in his zeal to be able to read more of them declared his readiness to denounce them as trash. He believed in God and yet in his zeal to understand His nature more thoroughly he argued His existence with himself and others and thus appeared as if he were an atheist. He was born for a mission, and when the last glance of the *Rishi* had pointed the path to him, he had, as it were, almost doubled his age, and become grave and thoughtful like a man of fifty. The inability to at once take the place of the *Rishi* was to him intolerable. He wanted instantly to shake off his physical and mental limitations and at once become a sage. The ambition was great, but in it there was no vestige of self-conceit. He was trying every day of his life to become Dayananda. To that end he learnt Yoga exercises, and when even these could not bridge the mental and spiritual distance between him and his goal he willingly laid down his life. His was the glory of a martyr to his own tyranny. The day of his death was honoured by local colleges and courts being closed for a holiday. The world of letters mourned his loss as the loss of a literary prodigy. The Puujab University was conscious that it had lost its only scholar whose earliest productions had met with recognition at the hands of those who were competent to judge, both in and outside the country. Of the Arya Samaj he was the one hope. The spirit that inspired him has, however lived. It will for ever continue inspiring young hearts. O that he had taken better care of his body.

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WISDOM OF THE RISHIS

OR

WOrks of Pt. Guru Datta, M.A.

VEDIC

॥ शोऽप ॥

THE

TERMINOLOGY OF THE VEDAS

THE question of the origin, nature and eternity of *Shabda*—human articulate and inspired speech—has been a very important question in Samskrita literature. The highly philosophical character of this question cannot be doubted, but the peculiar characteristic, which attracts the attention of every Samskrita scholar is, the all-pervading nature of the influence it exerts on other departments of human knowledge. It is not only the *Nairukta* and the *Vaiyakaranas*, the grammarians, etymologists and philologists, of ancient Samskrita times, that take up this question; but even the acute and subtle philosopher—the last and the best Samskrita metaphysician—the disciple of the learned Vyasa—the founder of one of the six schools of philosophy—the religious aphorist Jaimini cannot isolate the treatment of his subject from the influence of this question. He runs in the very beginning of his *Mimamsa* (dissertation) into this question and assigns a very considerable part (proportionately) of his treatise to the elucidation of this question. It is not difficult for a reader of the modern philology, well-versed in discussion on onomatopœian and other artificial theories of human speech,

to perceive the amount of wrangling which such questions give rise to. We have mentioned the position assigned to this question in Samskrita literature not so much with a view to put an end to all this wrangling, which, perhaps, is unavoidable, but with a view to take up, in a brief way, another and a more practical question involved therein, *i.e.*, the question of the interpretation of Vedic terminology.

Up to this time all the plans that have been adopted for the interpretation of Vedic terminology have been based on some pre-conceived notions. The philosophy of the subject requires that these pre-conceived notions should be carefully examined, studied and pruned of the extraneous matter liable to introduce error, whereas new and more rational methods should be sought after and interposed—methods such as may throw further light upon the subject.

To examine, then, the various methods that have up to this time been pursued. Briefly speaking, they are three in number, and may, for want of better denomination, be called the **Mythological; Antiquarian and Contemporary** methods.

Firstly, the **Mythological** method. This method interprets the **Vedas** as **myths**, as an embodiment of simple natural **truths** in the imaginative language of religious fiction, as a symbolic representation of the *actual* in the *ideal*, as an imbedding of primitive truth in the

super-incumbent strata of non-essential show and ceremony. Now, in so far as this concretion of thought in mythological network goes, it assumes a comparatively rude and simple stage of human life and experience. From this basis of a primitive savage-state it gradually evolves the ideas of God and religion, which no sooner done than mythic period ends. It further argues thus :—In the ruder stage of civilization, when laws of nature are little known and but very little understood, analogy plays a most important part in the performance of intellectual functions of man. The slightest semblance, or vestige of semblance, is enough to justify the exercise of analogy. The most palpable of the forces of nature impress the human mind, in such a period of rude beginnings of human experience, by motions mainly. The wind blowing, the fire burning, a stone falling, or a fruit dropping, affects the senses essentially as moving. Now, throughout the range of conscious exertion of muscular power, *will* precedes motion, and, since even the most grotesque experience of a savage in this world assumes this knowledge, it is no great stretch of intellectual power to argue that these natural forces also, to which the sensible motions are due, are endowed with the faculty of will. The personification of the forces of nature being thus effected, their deification soon follows. The overwhelming potency, the unobstructible might, and

often the violence, with which, in the sight of a savage, the forces operate, strike him with terror, awe and reverence. A sense of his own weakness, humility and inferiority creep over the savage mind, and, what was intellectually personified, becomes emotionally deified. According to this view, the Vedas, undoubtedly books of primitive times, consist of prayers from such an emotional character addressed to the forces of nature including wind and rain—prayers breathing passions of the savage for vengeance or for propitiation--or, in moments of poetic exaltation, hymns simply portraying the simple phenomena of nature in the personified language of mythology.

Whilst deductive psychology affords these data, right or wrong as they may be, comparative philology and comparative mythology considerably support these views. A comparison of the mythologies of various countries shows that the working of human intellect is analogous, that this process of mythification is not only everywhere universal but coincident also. The Scandinavian, Greek and Indian theologies have no clear line of demarcation, save the accidental one of differentiation due to climatic effects. Comparative philology not only admits the universality and coincidence of these phenomena, but traces even phonetic identity in the linguistic garb with which these phenomena are clothed.

The evidence from these three sources—*com-*

comparative philology, deductive psychology and comparative mythology—is indeed very great; and we have stated the nature of this method and the evidence upon which its validity depends at much greater length than the short space at our disposal could allow us, so that, for the sake of fairness at least, the value and merits of this method may not be under-rated.

The results of comparative philology and comparative mythology need not be denied. They are the starting-points in our discussion, the assumed axioms in the present subject. The *casus belli*, the debatable land lies beyond them in fact, below them. They are the facts—recognized matter of truth. How are they to be explained? And like explanations of all other things, here too, there may be alternative explanations, rival hypotheses, parallel theories to confront the same facts and phenomena. That mythologies of various countries are similar, may be explained as much on the hypothesis that laws of psychological development are everywhere the same, as on the hypothesis that they are all derived from a common parental system of mythology or religion. Phonetic similarities, apart from their doubtful and frequently whimsical character may analogously be traced to the operation of analogous organs and phonetic laws, or to a common parent language from which all the others are derived. Nor can

these methods have any further claims to settle the dispute between these rival theories. As methods, they can only discover mythic or phonetic similarities or affinities, but cannot explain them. Even if we leave out of the consideration the alternative character of the conclusions arrived at, the explanations possess, considered from the standpoint of inductive validity, a very low specific value. We seek the explanation not from a fact already known to exist—we only inferentially assume a fact to have existed, whilst we are at the same time assuming the validity of our inference. The assumed fact, from which the desired explanation is sought, is not inferred from any independent evidence, but is itself a link in the self-returning series of concatenated facts. Further, the growth of mythology is deductively inferred from some psychological data. It might as easily have been inferred as a degenerate, crippled, and then stitched and glossed remnant of a purer and truer religion. An author has well spoken of the degeneracy of things including doctrines pre-eminently, if left alone. Nor is this fact in any way an obscure one to the student of the history of church dogmas and opinions. Who does not know of religious parties primarily designed to meet certain real wants, degenerating, after a lapse of time on the cessation of those wants, into mere ceremonies and customs which are

regarded, not as accidents, but as essentials ? Mythologies, as well as mythic practices, then, may arise either as products of human imagination working under subdued intellect and petrified reason, or, an outgrowth of a distorted remnant of a purer and truer form of religion.

There is not one hypothesis in connection with this subject that has not a counter-hypothesis, not one theory whose claims are not met with by a rival theory. Independently of the vague character of these hypotheses—the philological and mythological ones—the uncertainty of the conclusions deduced from them cannot be lost sight of. Like the conclusions arrived at by Mr. Pocock in his 'India in Greece,' wherein he traces the origin of all Greek geographical names to Samskrita Indian names, and wherby he infers the colonization of Greece by the Indians, the conclusions arrived at according to the aforesaid hypothesis constitute one full chain of circular reasonings continually returning into themselves. Admitting the cognate relation that exists between the Greek and Samskrita languages it must follow that Greek names of localities must bear a remote and far-fetched, as contrasted with a direct and palpable, identity to Indian names of localities. The colonization to be drawn from the specific topographical relations, which Mr. Pocock has traced, independently of the common origin of

Greek and Samskrita languages. The identity of Greek and Samskrita stock is a general formula which cannot be any further proved by such specific connections. The fact of the identity of several systems of mythologies and languages also leads to a distinct general proposition—the uniformity of human nature. Beyond the value of this general proposition, the specific mythological and philological facts have no independent value. Their value is subsumed in the general proposition. These particular propositions; when right, *cannot add* to the value of the general proposition which they go to form, but when wrong, they *can materially vitiate* the truth of the general proposition. A conclusion based upon the legitimacy of a *general* order or nature or a *universal* law, can derive no real independent logical strength from the enumeration of particular instances of such order or law, all similar in kind. All the remarks that have been made above may in one sense be considered to bear upon the question of comparative mythology in general, as having no distinct individualized influence on the terminology of the Vedas. There is one other point, however, which comes directly into contact with the mythological theory as concerned with the terminology of the Vedas. Mythology, as already remarked, is the symbolization of human thought in the concrete. The contrast, therefore, of mythology with the abstract is the widest and the most thoroughgoing.

Philosophy, as analysed by Herbert Spencer, has for its object the elucidation of *ultimate* truths or laws. These truths, in so far as ultimate, must be the *most general*. The wider the group of individual facts that a law covers, or the greater the distance of the ultimate law from the minute sub-laws covering a very limited and primary area, the more abstract and the less concrete does its expression become. Philosophy and mythology, therefore, stand contrasted—completely contrasted to one another in this respect. Philosophy is abstract, expressed in general terms and ultimate formula; mythology is concrete, expressed in gross material terms representing primary objects and phases of objects. Nothing, therefore, is so completely subversive of the value of the mythological method as the existence of philosophy and philosophic ideas in the Vedas. That the Vedas are books of philosophy and not of mythology must not be admitted merely because a well-known professor and scholar of Samskrita acknowledges that the germ of human thought and reason lies in the Vedas, whereas, according to him, its culmination lies in the philosophy of Kant, but on other and more trustworthy bases & authorities. The growth of philosophy in Samskrita literature is earlier than the growth of mythology. The Upanishads and Darshanas, which are professedly books of philosophy and confessedly

near to the Vedas, chronologically preceded, and not followed, the Puranas, the embodiment of mythological literature of India. *It was philosophy that was evolved from the Vedas, & not mythology.* In the history of Indian literature, at least, it is not mytholophy that gives birth to philosophy, but philosophy that precedes mythology. How far mythology may rise as an outgrowth and a distorted remnant of a pure and truer form of religion or philosophy, might perhaps now have been rendered more evident. Now, the six schools of philosophy are, all of them, based on the Vedas and support themselves by direct quotations from the Vedas. Not only, then, has philosophy been evolved from the Vedas, but substantially drawn out and evolved or developed subsequently. There is one, and only one objection that can be raised against the above views. It is that the different portions of the Vedas belong to different epochs, for, whilst some portions are mythological, others are decidedly philosophical. We would not here say what is already well known, that however, it may be, not one line of the Vedas is later than the Darshanas or the Upanishads, not to speak of the Puranas. Howsoever greatly wide apart may be the epochs assigned to the various portions of the Vedas no stretch of artificial reasoning can make them coincide with the Puranic period. Independently of these considerations, which are important

however, the very assignment of the different epochs to the Vedas proves the insufficiency and partial character of the mythological system. The truth of the mythological system lies in the isolation of the portions of the Vedas. It is not the Vedas as a whole that furnish an illustration of this method, but in part. But what reason have we to insolate these portions or to split up the homogeneous mass into two ? Simply this, that they belong to two distinct epochs. Now the assertion that the portions belong to two distinct epochs, is itself grounded upon the insufficiency of the mythological method. If they could interpret the whole of the Vedas by the one mythological method, there could be no need of separating them. This, they could not, and therefore the isolation. The justification of the partial character of the mythological method depending upon the correctness of the assignment of the various epochs, such assignment has no authority save the insufficiency of the mythological method, Thus, then is the partial character of mythological method unconsciously regarded as self-sufficient. The first method, then, out of the three enumerated in the beginning of this subject, considered independently, proves insufficient, and considered in conjunction with phylogeny, fares no better; and lastly, fails in contrast with the philosophic character of the Vedas. We will now consider the second method.

One of the most successful methods of unravelling ancient literary records is the Antiquarian or the historical method. It consists in approximating, in so far as possible for the interpretation and explanation of the records in hand, to the books and general literature of the period to which it belongs. For the obvious reason that direct evidence is always to be preferred to second-hand information, this method is next in value to none, but to the direct evidence of the senses. Now in so far as in historical research, where the study of the past epoch is concerned one has inevitably to fall for information on the literature and historical record of the period with which he is concerned; an examination of the conditions, which render such evidence valid and a labour on it no unfruitful task, is essential to establish the canons of historical research. The veracity of our knowledge of past events depends upon two factors in this method; firstly on the faithfulness of the records we obtain of the event or events of the period; and secondly, on the faithfulness of our interpretation of the records. We would forego an analysis of the first factor as this factor is amenable, for the estimation of its evidence, to laws which do not come within the compass of our subject. The interpretation of the records is what directly concerns us.

The excellence of the historical or the anti-

quarian method lies in the fact that it renders our interpretation of past records less liable to error. And the reason may be thus explained. Language, like all other things that live or are organised growth, is subject to constant variations, depending partly on the laws of development of phonetic organs, partly on external circumstances of fusion and introduction of foreign languages, and partly on the laws of the evolution of human thought itself. Owing to this and many other causes, all living languages are daily undergoing changes, which accumulate and appear after a sufficiently long interval to have created very different, though cognate, languages. Any thing, thought or philosophic system that is invested with linguistic garb, therefore, requires for its correct interpretation that the laws which govern those linguistic variations and the variations of the sense of words should be carefully studied. Otherwise, our interpretation would suffer for misconception and anachronism. To take a concrete example, let us consider the case of the Roman Republic. In the time of the Roman Republic when public press was unknown, news unheard of, locomotive engines undreamt, and other means that engender or facilitate the communication of indelible impression of human thought or reason unthought of, and when Forum was the only place of resort for all audience, and

oratory had a totally different meaning from that of modern times, the Senate signified a different institution from what it now is; Republic or democracy of the people—the people then existing—was what would be to us something like oligarchy, though very different from it in many essential features. Now, a reader studying the literature of the period corresponding to the Roman Republic would find his information of the period incommensurate with facts, if, on account of his being unguided in his studies, the words Democracy, Republic and the like, were to call forth before his mind what they now signify. Such a knowledge would be inconsistent with itself, a medley of two epochs and would be such as, on critical examination, would be termed sheer nonsense.

Thirdly, the Contemporarian method. The applications of this method in the domain of history are, beyond doubt, various and most important. But not the less important are its applications in the fixing of the dates, or the succession of periods, of the Puranas, the Darshanas, the Upanishads, Manu, the Ramayana, the Mahabharata, and so on. Various professors have fruitlessly tried to fix dates of these writings by searching in them, in most cases in vain, for any well-established consistent historical facts. But far more important in the fixing of these dates is the knowledge of historical evolution of Sanskrita literature. The Sanskrita of

the Puranas is so different from the Sanskrita of the Mahabharata, and that of the Darshanas, which again is so different from that of the Upnishads, that a clear line of demarcation in each case is easily laid down. The one cannot be confounded with the other.

It is a matter of great surprise and wonder that in the case of the Vedas the method, whose merits are so evident and obvious, and which is so well recognized in the domain of history should not have been applied, or, so loosely and carelessly applied as to render modern interpretations of the Vedas by some very well-known professors of Sanskrita simply unintelligible and absurd.

In the case of the Vedas the learned professors of Sanskrita, whose versions of the Vedas are so extant, have all derived their inspirations from the commentaries on the Vedas by Mahidhara, Ravana and Sayana, writers of a period decidedly very much later than that of the Vedas, and only well coinciding with our own time. These writers themselves were as much ignorant of the terminology of the Vedas as we are. Their interpretations of Vedic terms according to their own times, were as wrong as would be those of words like democracy in our studies concerning ancient Rome. Mahidhara and Syana fare in no way better than ourselves. It seems astonishing that in adopting the interpretation of the Vedas by Sayana and

Ravana, our modern professors of Samskrita should have forgotten the invaluable maxim that the nearer we approximate to the literature of the period to which the Vedas belong for their interpretation, the greater would be our chances of the interpretation, being more probable and more correct. According to the date assigned by these professors to the Vedas, their interpretation of the Vedas would be based on the literature of a period so heterogeneous to the time and spirit of the Vedas as to give rise to nothing but confusion and error.

To the view of any impartial reader, who studied the investigations of Goldstucker on this point, *the whole fabric of dates curmbles to dust and the whole system of mordern recognized chronology* is easily upset*. According to the best (and they are, as a matter of fact, the worst) authorities on the subject, no writings of date anterior or five to six thousand years before Christ seem to have existed. The whole world seems to have been circumscribed within 8,000 years. The whole region of the intellectual activity of man seems to have been focussed in the 6,000 years before Christ.

*Eminent scholars of to-day seem to accept the opinion expressed 40 years ago, Mm, Hara Parshada Shastri M,A; in his presidential address delivered at the 5th All India Oriental Conference, said "The Indian literary chro-nology set up by oriental scholars of Europe, I do not think, will stand, It will be not only greatly modified, but I think, should also be thoroughly revised" P,43 (Ed),

Irrespective of these views let us come directly to the subject of the Vedas. The Shataptha and the Nirukta are confessedly books of much anterior date to the commentaries of Sayana, Ravna, and Mahidhara. We should rather resort to them and the Upanishads than to the times of Puranas, of Raveana and of Mahidhara, for the interpretation of the Vedas.

The Upanishads inculcate monotheism. Where, in the Upanishads or the Shataptha, do Indra, Mitra, and Varuna signify the duties and not the Deity? The Nirukta even lays down explicit rules on the terminology of the Vedas which are, as yet, quite unheeded by the modern professors.

The Niruktakara, in the very beginning of his book, forcibly inculcates that the terms used in the Vedas are *Yaugika* (possessing derived meaning) as contrasted with *Rudhis* (terms having conventional, arbitrary or concrete meaning). We will, on some future occasion, quote at full length from the Nirukta, and render a better exposition of this doctrine. Here, however, we have simply said what the main assertion of the Nirukta is. This assertion is supported by the Mahabhashya and other older books on the subject, including Samgraha.

If the main line pursued in discussing the question of the Terminology of the Vedas be correct, the conclusion we have arrived at leads to the following inquiry :—

What is the opinion of Vedic scholars on the subject ? Are the authors of the *Nirukta*, the *Nighantu*, the *Mahabhashya*, and the *Samgraha*, and other old commentators, at one with the modern commentators., *i. e.*, *Ravana*, *Sayana*, *Mahidhara* and others, who have, of late, followed the same line; or, are they at variance with the modern writers ? That, if they differ, reliance must be placed upon old commentators, the preceding remarks would have made clear. Let us then examine the views of ancient writers on the subject.

Speaking broadly, three classes of words are used in the Sanskrita language; the *yaugika*, the *rudhi* and the *yoga-rudhi* words. A *yaugika* word is one that has a *derivative* meaning, that is, one that only signifies the meaning of its root together with the modifications effected by the affixes. In fact, the structural elements, out of which the word is compounded, afford the whole and the only clue to the true signification of the word. These being known, no other element is needed to complete its sense. Speaking in the language of modern logic, the word is all *connotation*, and by virtue of its connotation determines also its denotation. A *rudhi* word is the name of a definite concrete object, or answers to a definite concrete technical sense, no by virtue of any of its connotations but by virtue merely of an arbitrary principle. In the case of a

yaugika word, we arrive at the name of an object by what may be called the process of generalisation. We see, taste, touch, smell, and operate upon the object by the multifarious means man possesses of investigating properties of sensible objects; we compare the sensible impressions it yields with sensible impressions already retained in our minds and constituting our past knowledge; we detect similarities between the two, and thus get a *general* or a *generic* conception. To this generic conception we give an *appropriate* name by *synthetically* arriving at it from a *root*, a primitive idea or ideas. The word, therefore, thus ultimately formed, embodies the whole history of the intellectual activity of man. In the case of a *rudhi* word, process is far different. We do not generalise. Nor is, therefore, any synthesis required there. We only roughly discriminate one object or class of objects from other objects, and *arbitrarily* place a phonetic *postmark*, as it were, upon it. An individual, to roughly discriminate him from others, is arbitrarily called John, another, Jones; so an object is arbitrarily denominated *Khatva*, another *Mala*, and so on. Here, we only discriminatively specify the object we are naming, without coming into general contact with it.

A third class of words, *yoga-rudhi*, is one in which two words are synthetically combined into a compound, denoting a third object by

virtue of the combination of these two words. Such words express any relation or interaction of phenomena. The *Kamala* stands, for instance, in the relation of the *born* to *mud*, the *bearer*; hence *kamala* is denominated as *pankaja*, (*panka*, the mud, and *ja* signifying to bear).

Now, the author of the *Mahabhashya* maintains that the Vedic terminology is all *yaugika*.

“Nama cha dhatujamah Nirukte Vyakarane Shakartusya chatokam. “Naigama rudhi bhavam hi susadhu.”—*Mahabhashya*, Chap. iii, Sect., iii, Aph. i.

Which means :—

Etymologically speaking, there are three classes of words, the *yaugika*, the *ruchi* and the *yoga-rurhi*. But the authors of the *Nirukta*, Yaska and others; and Shakatayana, among, the grammarians, believe all the words to be derived from *dhatus*, that is, believe them to be *yaugikas* and *yoga-rurhis*, and Panini and others believe them to be *rurhis* also. But all the *Rishis* and *Munis*, ancient authors and commentators, without exception, regard Vedic terms to be *yaugikas* and *yoga-rurhis* only; and the *laukika* terms to be *rurhis* also.

The above is a clear and definite statement of the *Mahabhashya* to the effect that the Vedic terms are all *yaugikas*. It is not difficult to prove by numerous and long quotations from *Nirukta*, *Samgraha* and other older writings, that all of

them agree as to the nature of the Vedic terms.

Without going, then, into the details of this subject, it may be assumed that the Vedic writers of older epochs do not agree with those of modern times.

It is a strange thing to find our modern professors of Sanskarita, well-versed philologists, and professed antiquarians so forcibly asserting the value of the "Antiquarian Method," and yet blundering at the very outset of this momentous question.

After the remarks we have made, it is not surprising to find that our modern scholars should think of finding mythological data in the Vedas, or, of having come across the facts of ruder bronze age, or *golden* age, in that "book of barbaric hymns."

—:—:—

THE TERMINOLOGY OF THE VEDAS* AND EUROPEAN SCHOLARS.

With us, the question of the terminology of the Vedas is of the highest importance, for, upon its decision will depend the verdict to be passed by the future world respecting the great controversy to rage between the East and the West concerning the supremacy of the Vedic Philosophy. And even now, the determination of this question involves issues of great value. For, if the Vedic philosophy be true, the interpretation of the Vedas, as given at present by Professor Max Mu'ler and other European scholars must not only be regarded as imperfect, defective and incomplete, but as altogether false. Nay, in the light of true reason and sound scholarship, we are forced to admit their entire ignorance of the very rudiments of Vedic language and philosophy. We are not alone in the opinion we hold. Says Schopenhauer.

“I add to this the impression which the translations of Sanskrita words by European

* A paper of this name was submitted to the public by the writer early in 1888 but it was necessarily brief and incomplete. It has now been thought advisable to give to the same thoughts and principles a new garb, more suited to the requirements of the reading public of the present day to amplify the same truths by interesting illustrations and to supplement them by the others that are necessary to complete the treatment of the subject.

scholars, with very few exceptions, produce on my mind. I cannot resist a certain suspicion that our Sanskrita scholars do not understand their text much better than the higher class of school boys their Greek or Latin."

It will be well to note here the opinion of Svami Dyananda Sarasvati, the most profound scholar of Sanskrita of his age, on the subject. He says :—“The impression that the Germans are the best Sanskrita scholars, and that no one has read so much of Samskrita, as professor Max Muller, is altogether unfounded. Yes, in a land where lofty trees never grow, even *rici-nus communis* or the castor oil plant may be called an oak. The study of Sanskrita being altogether out of question in Europe, the Germans and Max Muller may there have come to be regarded as highest authorities.

I came to learn from a letter of a principal of some German University, that even men learned enough to interpret a Sanskrita letter are rare in Germany. I have also learnt from the study of Max Muller’s ‘History of Sanskrit Literature’ and his comments on some *mantras* of the Veda, that Professer Max Muller has been able only to scribble out something by the help of the so called *tikas*, or paraphrases of the Vedas, current in India.”*

* Sattyarth Prakash, 3rd edition, page. 278.

It is this want of Vedic scholarship among European scholars, this utter ignorance of Vedic language and philosophy that is the cause of so much misimpression and prejudice even in our own country. We are, indeed, so often authoritatively told by our fellow-brethren who have received the highest English education but are themselves entirely ignorant of Sanskrita, that the Vedas are books that teach idol-worship or element-worship, they contain no philosophical, moral or scientific truths of any great consequence, unless they be the commonest truisms of the kitchen. It is therefore, a matter of greatest concern to learn to attach proper value to the interpretations of these European scholars. We propose, therefore, to present a rough outline of these general principles according to which Vedic terms should be interpreted, but which European scholars entirely ignore; and hence much of the misinterpretation that has grown up.

In the discussion of philosophical subjects, pre-conceived notions are the worst enemies to encounter. They not only prejudicially bias the mind, but also take away that truthfulness and honest integrity from the soul, which alone are compatible with the righteous pursuit and discernment of TRUTH. In the treatment of a question, such as the estimation of the value of a system of philosophy or religion, extreme

sobriety and impartiality of the mind are required. Nor is it to be supposed that a religious or philosophical system can be at once mastered by a mere acquaintance with grammar and language. It is necessary that the mind should, by an adequate previous discipline, be raised to an exalted mental condition, before the recondite and invisible truths of Man and Nature can be comprehended by man. So is it with Vedic philosophy. One must be a complete master of the science of morals, the science of poetry, and the sciences of geology and astronomy*; he must be well-versed in the philosophy of *Dharma*, the philosophy of characteristics, the doctrines of logic or the science of evidence, the philosophy of essential existences, the philosophy of *yoga*, and the philosophy of *vedanta*†; he must be a master of all these and much more before he can lay claims to a rational interpretation of the Vedas.

Such, then, should be our Vedic scholars thorough adepts in science and philosophy, unprejudiced and impartial judges and seekers after truth. But if impartiality be supplanted by prejudice, science and philosophy by quasi-knowledge and superstition, and integrity by

* These are the well-known six *vedangas*: 1. *Shikhsha* 2. *Vyakrana*, 3. *Nirukta*, 4. *Kalpa*, 5. *Chhanda*, and 6. *Jyotisha*.

† These are the well-known six *Upangas* or *Darshanas* 1. *Purva Mimansa* 2. *Vaisheshika* 3. *Nyaya* 4. *Samskhya* 5. *Yoga* and 6. *Vedanta*.

motive, whereas predetermination takes the place of honest inquiry, truth is either disguised or altogether suppressed.

Speaking of the religion of the *Upnishads* and the Bible, says Schopenhauer, who has 'washed himself clean of all early-engrafted Jewish superstitions, and of all philosophy that cringes before these superstitions' :—

"In India, our religion (Bible) will now and never strike root; the primitive wisdom of the human race will never be pushed aside by the events of Galilee. On the contrary, Indian wisdom will flow back upon Europe, and produce a thorough change in our knowing and thinking."

Let us now see what Professor Max Muller has to say against the remarks of this unprejudiced, impartial philosopher. He says :—

"Here again, the great philosopher seems to me to have allowed himself to be carried away too far by his enthusiasm for the less known. He is blind to the *dark side of the Upnishads* and he wilfully shuts his eyes against the bright rays of eternal truths in the Gospel, which even Ram Mohan Rai was quick enough to perceive behind the mist and clouds of tradition that gather so quickly round the sunrise of every religion."

With the view that the Christianity of Max Muller may be set forth more clearly before the reader, we quote the following from the 'History of Ancient Sanskrit Literature,' p,31,32:—

“But if India has no place in the political history of the world, it certainly has a right to claim its place in the intellectual history of mankind. The less the Indian nation has taken part in the political struggles of the world and expended its energies in the exploits of war and the formation of empire, the more it has fitted itself and concentrated all its powers for the fulfilment of the important mission reserved to it in the history of the East. History seems to teach that the whole human race required a gradual education, before, in the fulness of time, it could be admitted to the truths of Christianity. All the fallacies of human reason had to be exhausted, before the light of higher truth could meet with ready acceptance. The ancient religions of the world were but the milk of nature, which was in due time to be succeeded by the bread of life. After the primeval physiocracy which was common to all members of the Aryan family had, in the hands of a wily priesthood, been changed into an empty idolatry, the Indians alone, of all the Aryan nations, produced a new form of religion, which has well been called subjective, as opposed to the more objective worship of Nature. That religion, the religion of Buddha, was spread far beyond the limits of the Aryan world, and, to our limited vision, it may seem to have retarded the advent of Christianity among a large portion of the

human race. But in the sight of Him with whom a thousand years are but as one day, that religion, like all the ancient religions of the world, may have but served to prepare the way of Christ by helping through its very errors, to strengthen and deepen the ineradicable yearning of the human heart after the truths of God."

Is not this Christian prejudice? Nor is this with Max Muller alone. Even more strongly does this remark hold good of Monier Williams, whose very object in writing the book known as "Indian Wisdom" is to *caricature* the Vedic religion, which he calls by the name of "Brahmanism," and to hoist up Christianity by the deliberate meritorious process of contrasts. Writes Monier Williams :—

'It is one of the aims, then, of the following pages to indicate the points of contrast between Christianity and the three chief *false religions* of the world, as they are thus represented in India.' (Monier Williams' Indian Wisdom, Introduction, p. XXXVI.)

Speaking of Christianity and its claims 'as supernaturally communicated by the common Father of mankind for the good of all His creatures,' he says :—

"Christianity asserts that it effects its aim through nothing short of an entire change of the whole man, and a complete renovation of his nature. The means by which this renovation is

effected may be described as a kind of *mutual transfer or substitution*, leading to a reciprocal interchange and co-operation between God and man's nature acting upon each other. Man—the Bible affirms—was created in the image of God but his nature became corrupt through a taint, derived from the fall of the first representative man and parent of the human race, which taint could only be removed by a vicarious death."

"Hence, the second representative man—Christ—whose nature was divine and taintless, voluntarily underwent a sinner's death, that the taint of the old corrupted nature transferred to him might die also. But this is not all. The great central truth of our religion lies not so much in the fact of Christ's death as in the fact of His *continued life*. (Rom. viii. 34). The first fact is that He of His own free—will died; but the second and more important fact is that He rose again and lives eternally, that He may bestow life for death and a participation in His own divine nature in place of taint which He has removed."

"This, then, is the reciprocal exchange which marks Christianity and distinguishes it from all other religions—an exchange between the personal man descended from a corrupt parent, and the personal God-made man and becoming our second parent. We are separated from a rotten root, and are grafted into a living one.

We part with the corrupt will, depraved moral sense and perverted judgment inherited from the first Adam, and draw re-creative forces—renovated wills, fresh springs of wisdom, righteousness, and knowledge—from the ever-living divine stem of the second Adam to which by a simple act of faith, we are united. In this manner, is the grand object of Christianity effected. Other religions have their doctrines and precepts of morality, which, if carefully detached from much that is bad and worthless, may even vie with those of Christianity. But Christianity has, besides all these, what other religions have not—a personal God, ever living to supply the free grace or regenerating spirit by which man, becoming once again 'pure in heart,' and still preserving his own will, self-consciousness and personality, is fitted to have access to God, the Father, and dwell in His presence for ever." (Monier Williams' Indian Wisdom, Introduction, P. XL—XLI).

Again, speaking of "Brahmanism," he says :-

"3. As to Brahmanism, we must in fairness allow that, according to its more fully developed system, the aim of union with God is held to be effected by faith in an apparently personal God as well as by work and by knowledge. And here some of the lines of the Brahmanical thought seem to interest those of Christianity. But the apparent personality of the various

Hindu gods melts away, on closer scrutiny, into a vague spiritual essence. It is true that God becomes man and interposes for the good of men, causing a seeming combination of the human and divine—and an apparent interchange of action and even loving sympathy between the Creator and His creatures. But can there be any real interaction or co-operation between divine and human personalities when all personal manifestations of the Supreme Being—gods as well as men—ultimately merge in the Oneness of the Infinite, and nothing remains permanently distinct from Him ? It must be admitted that most remarkable language is used of Krishna (Vishnu), a supposed from of the Supreme, as the source of all life and energy (see pp. 144—148—and see also pp. 457, 457); but, if indentified with the One God he can only, according to the Hindu theory, be the source of life in the sense of giving out life to reabsorb it into himself. If, on the other hand, he is held to be only an incarnation or manifestation of the Supreme Being in human from, then, by a cardinal dogma of Brahmanism so far from being a channel of life, his own life must be derived from a higher source into which it must finally be merged, while his claim to divinity can only be due to his possession of less individuality, as distinct from God, that inferior creatures." (Monier Williams' Indian

Wisdom, Introduction, P. XLIV—XLV.)

And lastly, in conclusion, he says :—

“It is refreshing to turn from such unsatisfying systems, however interspersed with wise and even sublime sentiments, to the living energizing Christianity of European nations, however lamentably fallen from its true standard, or however disgraced by the inconsistencies and shortcomings of nominal adherents—possessors of its name and form without its power.”

“In conclusion, let me note one other point which of itself stamps our religion as the only system adapted to the requirements of the whole human race—the only message of salvation intended by God to be gradually pressed upon the acceptance of all His intelligent creatures.” (Monier Williams' Indian Wisdom, Introduction, p. XLV.)

It is clear, then, that Professor Monier Williams is labouring under hard Christian prejudices, and cannot be viewed in any way as an unprejudiced, impartial student of the Vedas. No wonder, then, in modern sophisticated philology, propped by the entire ignorance of the laws of interpretations of Vedic terms, and fed by the prejudices of Christian superstitions, should raise its head against Vedic philosophy and gain audience among European Christian nations or deluded educated

natives of India who possess the high merit of being innocent of any knowledge of Sanskrita language or literature.

But now to the subject. The first canon for the interpretation of Ve ms, which is laid down by Yaska, the author of Nirukta, is that the Vedic terms are all *yaugika*.* The fourth section of the first chapter of Nirukta opens with a discussion of this very subject, in which Yaska, Gargya, Shakatayana and all other Grammarians and Etymologists unanimously maintain that Vedic terms are all *yaugika*. But Yaska and Shakatayana also maintain that *rurhi* terms are also *yaugika* in as much as they were originally framed from the roots: whereas Gargya maintains that only the *rudhi* terms are not *yaugika*. The section concludes with a refutation of the opinion of Gargya, establishing it as true that all terms, whether Vedic or *laukika*, are *yaugika*. It is on this

* A *yaugika* term is one that has a derivative meaning, that is, one that only signifies the meaning of its root together with the modifications effected by the affixes. In fact, the structural elements, out of which the word is compounded, afford the whole and the only clue to the true signification of the word. The word is purely connotative.

† A *rurhi* term is the name of a definite concrete object, where the connotation of the word (as structurally determined) gives no clue to the object denoted by the word. Hence, it means a word of arbitrary significance.

authority of Nirukta that Patanjali expresses, in this Mahabhashya, the same opinion, and distinguishes the Vedic terms from *rurhi* terms by the designation *naigama*. Says Patanjali, — “नाम च धातुजमाह निरुक्ते व्याकरणे शक्टस्य च तोकम्,” and a line before this, — “नैगम रूढिभवं हि सुसाधु” Chap. III. Sect. iii. Aph. 1.

The sense of all this, that all the *Rishis* and *Munis*, ancient authors and commentators without exception, regard all Vedic terms to be *yaugika*, whereas some *laukika* terms are regarded by some as *rudhi* also.

This principle, the European scholars have entirely ignored; and hence have flooded their interpretations of the Vedas with forged or borrowed tales of mythology, with stories and anecdotes of historic or pre-historic personages. Thus, according to Dr. Muir,* the following historical personages are mentioned in the Rig Veda, viz.—the *Rishis* Kanvas, in i 47. 2; Gotamas, in; 71.16.; Gritsamadas, in ii. 39.8; Bhrigavas, in iv.16.23; and Vrihadukhtha, in x.54.6. But what is the truth ! The words Kanya and Grista only signify learned men in general (see Nighantu iii. 13); the word Bhrigavah only signifies men of intellect (see Nighantu, v. 5). The word Gotama signifies one who praises: and Vrihaduktha is simply one whose *ukthas*, or knowledge of natural properties of objects, is

* Muir's Sanskrit Texts ol. III, p. 232-234.

vrihu or complete. It is clear, then, that if this principle once ignored, one is easily landed into anecdotes of historical or pre-historic personages. The same might be said of Max Muller discovering the story of *Shunah shepa* in the Rig Veda. Shepa, which means "contact" (*Nirukta* iii, 2--रेषः शप्तेषु गति कर्मणः), being suffixed to शुनः or श्वन् which means knowledge (श्वा श्वसते: शब्दतेर्वा गतिकर्मणः स्यान्), means one who has come into contact with knowledge, i.e; a learned person. It shall appear in the progress of this article, how *mantra* after *mantra* is misinterpreted by simply falsifying this law of *Nirukta*.

To an unprejudiced mind, the correctness of this law will never be doubtful. For, independently of the authority of *Nirukta*, the very antiquity of the Vedas is a clear proof of its words being *yaugika*. And even Professor Max Muller, in his mythological mood, is compelled to confess, at least concerning certain portions of the Vedas, that their words are *yaugika*. Says he :—

"But there is a charm in these primitive strains discoverable in no other class of poetry. Every word retains something of its radical meaning; every epithet tells; every thought, in spite of the most intricate and abrupt expressions, is, if we once disentangle it, true, correct and complete." (Max Muller's History of Ancient Sanskrit Literature, Page 553.)

Further again, says Max Muller :—

“Names....are to be found in the Vedas, as it were, in a still fluid state. They never appear as *appellatives*, nor yet as *proper names*; they are organic, not yet broken or smothered down.”

(Ibid p.755.)

Can there be anything clearer than this ? The terms occurring in the Vedas are *yaugika*, because “they never appear as appellatives, nor yet as proper names,” and because “every word retains something of its radical meaning.” It is strange to find that the self-same Max Muller, who has perceived the *yaugika* character of words in some *mantras* of the Vedas, should deny the same characteristic in other portions of the Vedas. Having said that words are *yaugika* in these “primitive strains” the Vedas, he proceeds to say :—

But this is not the case with all the poems of the Vedas. It would be tedious to translate many specimens of what I consider the poetry of the secondary age, the Mantra period. These songs are generally intended for sacrificial purposes, they are loaded with technicalities, their imagery is sometimes more brilliant, but always less perspicuous, and many thoughts and expressions are clearly borrowed from earlier hymns.” (Ibid p.558)

This he calls the *Mantra* period. The “primitive strains” belong to what is called the *Chhandas*

period. He describes the characteristics of the *Chandas* period, as distinguished from the *Mantra* period that has been above described thus: "There is no very deep wisdom in their teaching, their laws are simple, their poetry shows no very high flights of fancy, and their religion might be told in few words. But whatever there is of their language, poetry and religion, has a charm which no other period of Indian literature possesses; it is spontaneous, original and truthful." (Ibid, p.526)

Professor Max Muller quotes Rig Veda, VII. 77. as a specimen hymn of the *Chandas* period. Says he :—

"This hymn, addressed to Dawn, is a fair specimen of the original simple poetry of the Veda. It has no reference to any special sacrifice, it contains no technical expressions, it can hardly be called a hymn, in our sense of the word. It is simply a poem, expressing without any effort, without any display of far-fetched thought or brilliant imagery, the feelings of a man who has watched the approach of the dawn with mingled delight and awe, and who was moved to give utterance to what he felt in measured language." (Ibid, p.552)

From these quotations it will be clear that Professor Max Muller regards different portions of the Vedas belonging to different periods. There are some earlier portions, (according to

Max Muller's highly accurate calculations, the very exactness and infallibility of which Goldstucker bears ample testimony to) which he calls as belonging to the *Chhandas* period. The word *Chhandas*, in *laukika Sanskrita*, means spontaneity. Hence he regards *Chhandas* period to be the one the hymns of which period only teach common things, are free from the flight of fancy and are the spontaneous utterance of a simple (foolish) mind. The *Mantra* period (2,900 years older) is full of technicalities and descriptions of elaborate ceremonies. Now we ask, what proof has Max Muller given to show that the different portions of the *Vedas* belong to different periods? His proofs are only two. *Firstly*, the ill-conceived, confused idea of the difference between *Chhandas* and *Mantra*; and *secondly*, the different phases of thought represented by the two portions.

We will consider each of these reasons in detail.

Says Yaska—

मन्त्रः मननात् छन्दांसि छादनात् स्तोमः स्तवनात् यजुर्यजते:
साम समितस्तुषा ॥ निरु ७ । १२ ॥ It means that there is no difference in the meaning of *mantra* and *Chhandas*. The *Veda* is called the *mantra* as through it one learns the true knowledge of all existences. The *Veda* is also called the *Chhandas* as it removes all ignorance, and brings one under the protection of true knowledge and happiness. Or, more explicitly still, we read in *Shatpatha*, VIII.2.

चन्द्रांसि वयोनाधश्छन्दोभिर्हृदश्चर्ष्वयुनं नद्वं

“The *mantras* are called *Chhandas* for a knowledge of all human conduct is bound up with them. It is through them that we learn all righteous conduct.” The *yaugika* sense of the words will also lead to the same conclusion. *Mantra* may be derived from the root *man*, to think, or *matri*, to reveal the secret knowledge. Panini thus derives the words *chhands*. चन्द्रेरादे-श्चः**Chhandas* is derived from the root *chadi* to delight or illumine. *Chhandas* is that, the knowledge of which produces all delight, or which illumines everything. *i. e.*, reveals its true nature.

The second reason of Max Muller, for assigning different periods to different portions of the Vedas, is that there are two different phases of thought discoverable in the Vedas. The one is the truthful and simple phase of thought which corresponds to the *chhandas* period. The other is the elaborate and technical phase of thought that corresponds to his *mantra* period. But what proof has Max Muller to show that the hymns of his secondary period are full of elaborate and technical thought ? Evidently this, that he interprets them thus. If his interpretations were proved to be wrong, his distinction of the two periods will also fall to the ground. Now, why does he interpret the hymns of the *mantra* period thus? Evidently because, on the

* *Unadi Kosha* iv 219.

authority of Sayana and Mahidhara, he takes the words of those hymns to signify technicalities, sacrifices, and artificial objects and ceremonies, or, in other words, he takes these words not in their *yaugika*, but in their *rurhi* sense. It is clear, then, that if Max Muller had kept in view the canon of interpretation given in Nirukta, that all Vedic words are *yaugika*, he would not have fallen into the fallacious anachronism of assigning different periods to different parts of the Vedas.

But there is another prejudice which is cherished by many scholars evidently under the impression of its being a well-recognised scientific doctrine. It is, that in the ruder stages of civilization, when laws of nature are little known and but very little understood, when mankind has not enough of the experience of the world, strict methods of correct reasoning are very seldom observed. On the other hand, analogy plays a most important part in the performance of intellectual functions of man. The slightest semblance or vestige of semblance is enough to justify the exercise of analogy. The most palpable of the forces of nature impress the human mind in such a period of rude beginnings of human experience, by motions mainly. The wind blowing, the fire burning, a stone falling, or a fruit dropping, affects the senses essentially as moving. Now, throughout the range of

conscious exertion of muscular power, *will* precedes motion, and since even the most grotesque experience of a savage in this world assumes this knowledge, it is no great stretch of intellectual power to argue that these natural forces also, to which the sensible motions are due, are endowed with the faculty of will. The personification of the forces of nature being thus effected, their deification soon follows. The overwhelming potency, the unobstructible might, and often the violence with which, in the sight of a savage, these forces operate, strike him with terror awe and reverence. A scene of his own weakness, humility and inferiority creeps over the savage mind, and, what was intellectually personified, become emotionally deified. According to this view, the Vedas, undoubtedly books of primitive times, consist of prayers from such an emotional character addressed to the forces of nature including wind and rain-prayers breathing passions of the savage for vengeance or for propitiation, or in moments of poetic exaltation, hymns simply portraying the simple phenomena of nature in the personified language of mythology.

It is therefore, more agreeable for these scholars to believe that the Vedas, no doubt books of primitive times, are records of the mythological lore of the ancient Aryans.

And since, even according to the confessions

of Max Muller, higher truths of philosophy and monotheism are to be found here and there in the Vedas, it has become difficult to reconcile the mythological interpretations of the main part of the Vedas with the philosophical portions. Says Max Muller :—

“I add only one more hymn [Rig.x.121] in which the idea of one God is expressed with such power and decision that it will make us hesitate before we deny to the Aryan nations an instinctive monotheism.” (Max Muller’s History of Ancient Sanskrit Literature, p.568)

It is, therefore, argued by some that the mythological portions are earlier than philosophical ones; for, the primitive faith, as already indicated, is always mythology.

The fundamental error of this supposition lies in regarding a contingent conclusion as a necessary one; for although mythology may be the result of barbarous intellect and analogical reasoning, it is not necessarily always so. It may even grow up as a degenerate, deformed and petrified remnant of a purer and truer religion. The history of religious practices, primarily designed to meet certain real wants, degenerating, after a lapse of time, on cessation of those wants, into mere ceremonies and customs, is an ample testimony of the truth of the above remarks. Had the European scholars never come across the mythological commentaries

of Sayana and Mahidhara, or the *paranic* literature of post-Vedic (nay anti-Vedic) period. it would have been impossible for them, from the mere grounds of comparative mythology or Sanskrita philology, to alight on such interpretations of the Vedas as are at present among them. May it not be, that the whole mythologicel fabric of the *Puranas*, later as they are, was raised long after the vitality of true Vedic philosophy had departed from their words in the sight of the ignorant pedants? Indeed, when one considers that the *Upanishads* inculcate that philosophical monotheism, the paralled of which does not exist in the world—a monotheism that can only be conceived after a full conviction in the uniformity of nature,—and that they, together with the philosophical *darshanas*, all preceded the *pu•anas*; when one considers all this, he can hardly resist the conclusion that, at least in India, mythology rose as a rotten remnant of the old philosophical living religion of the Vedas. When, through the ignorance of men, the *yaugika* meanings of the Vedic words were forgotten, and proper names interpreted instead, there grew up a morbid mythology, the curse of modern idolatrous India. That mythology may thus arise on account of the decay of the primitive meaning of old words, even Professor Max Muller admits, when speaking of the degeneration of truth into mythology by a process, he styles '*dialectic growth*

and decay,' or dialectic life of religion. He syas: "It is well known that ancient languages are particularly rich in synonyms, or, to speak more correctly, that in them the same object is called by many names—are, in fact, polynymous. While in modern languages most objects have one name only, we find in ancient Sankrita, in ancient Greek & Arabic, a large choice of words for the same object. This is perfectly natural. Each name could express one side only of whatever had to be named, and not satisfied with one partial name, the early framers of language produced one name after the other, and after a time retained those which seemed most useful for special purposes. Thus the sky might be called not only the brilliant, but the dark, the covering, the thundering, the rain-giving. This is the polynomy in language, and it is what we are accustomed to call polytheism in religion. (pp. 267, 277, Max Muller's History of Ancient Sanskrit Literature).

Even, in the face of these facts, European scholars are so very reluctant leave to their pre-conceived notions that as an example of the same influence, Fredrick Piucott writes to me from England :

"You are right in saying that the commentators, now so much admired, had very little, if any better means of knowledge on Vedic Ter-

minology than we have at present. And you are certainly right in treating the Puranas as very modern productions; but you are wrong in deducing India's mythological notions from such recent works. The Rig Veda itself, undoubtedly the oldest book which India possesses, abounds in mythological matter."

Does "you are certainly right," and "you are wrong" amount to any proof of the Vedas abounding in mythology ? But further he says :—

"After the great shock which the spread of Buddhism gave to the old Indian form of faith, the Brahmans began to make their faith seriously philosophical in the *Darshanas*. Of course, many bold philosophical speculations are found in the *Upanishads*, and even in the *Samhitas*; but it was at the time of the *Darshanas* that the religion was placed on a really philosophical basis."

Nothing shows so great a disrespect towards the history of another nation as the above. One is, indeed, wonder-struck at the way in which European scholars mistrust Indian chronology, and force their hypothetical guess-work and conjecture before the world as a sound historical statement of facts. Who, that has impartially studied the *Darshana* literature, does not know that the *Darshanas* existed centuries before even the first word of Buddhism

was uttered in India Jaimini, Vyasa and Patanjali had gone by, Gautama, Kanada and Kapila were buried in the folds of oblivion when Buddhism sprang up in the darkness of ignorance. Even the great Shankara, who waged a manly war against Buddhism or Jainism, preached nearly 2,200 years ago. Now, this Shankara is a commentator on Vyasa Sutras, and was preceded by Gaudapada and other Acharyas in his work. Generation upon generations has passed away after the time of Vyasa, when Shankara was born. Further, there is no event so certain in Indian History as Mahabhatta, which took place about 4,900 years ago. The *Darshana*, therefore, existed at least 4,900 years ago. There is a strong objection against the admission of these facts by European scholars, and that objection is the Bible. For, if these dates be true what will become of the account of creation as given in the Bible ? It seems, besides, that European scholars, on the whole, are unfit to comprehend that there could be any disinterested literature in the past. It is easier for them to comprehend that political or religious revolutions or controversies should give rise to new literature through necessity. Hence explanation of Mr. Pincott :—

“The old Brahmans were superstitious, dogmatic believers in the revelation of the Vedas. When Buddhism spread like wild fire,

they thought of shielding their religion by mighty arguments and hence produced the *Darshana* literature.

This assumption so charmingly connects heterogenous events together that, although historically false, it is worth being believed in for the sake of its ingenious explanatory power.

To return to the subject. Yaska lays down a canon for the interpretation of Vedic terms. It is that the Vedic terms are *yaugika*. *Mahabhashaya* repeats the same. We have seen how this law is set aside and ignored by the European scholars in the interpretations of the Vedas, whence have arisen serious mistakes in their translations of the Vedas. We have also seen how Dr. Muir, falling in the same mistake interprets general terms as proper nouns; and how Max Muller also, led by the same error, wrongly divides the Vedas into two parts, the *Chhandas* and *Mantras*. We have also seen how, due to the ignorance of the same law, *Mantras* upon *Mantras* have been interpreted as mythological in meaning, whereas some few *Mantras* could only be interpreted philosophically, thus giving rise to the question of reconciling philosophy with mythology. To further illustrate the importance of the proposition, that all Vedic terms are *yaugika*, I herewith subjoin the true translation of the 4th *Mantra* of the 50th *Sukta* of Rig Veda with my comments thereon, and the translation of the same by Monier Williams for comparison. Surya, as a

yaugika word, means both the sun and the Divinity. Monier Williams takes it to represent the sun only. Other terms will become explicit in the course of exposition. The *Mantra* runs as follows :—

तरणिर्विश्वदर्शतो ज्योतिष्कृदसि सूर्यं । विश्वमाभासि रोचनं ॥

The subject is the gorgeous wonders of the solar and the electric worlds. A grand problem is here propounded in this *Mantra*. Who is there that it not struck with the multiplicity of objects and appearances ? Who that has not lost thought itself in contemplation of the infinite varieties that inhabit even our own planet ? Even the varieties of plant-life have not yet been counted. The number of animal and plant species together with the vast number mineral compounds may truly be called infinite. But why confine ourselves to this earth alone. Who has counted the host of heavens and the infinity of stars, the innumerable number of worlds yet made and still remaining to be made ? Light travels at the rate of 180,000 miles per second. There are stars from which ray of light have started on their journey ever since the day of creation, hundreds of millions of years ago, the rays have sped on and on with the unearthy velocity of 180,000 miles per second through space, and have only now penetrated into the atmosphere of our earth. Imagine the infinite depth of space with which we are on all sides surrounded

Are we not struck with variety and diversity in every direction ? Is not differentiation the universal formula ? Whence have these manifold and different objects of the universe proceeded ? How is it that the same Universal-Father-Spirit, permeating in all and acting on all, produced these heterogenous items of the universe ? Wherein lies the cause of difference ? A difference so striking and at once so beautiful ! How can the same God acting upon the universe produce an earth here and a sun there, a planet here and a satellite there, an ocean here and a dry land there, nay, a Svami here and an idiot there ? The answer to this question is impressed in the very solar constitution. Scientific philosophers assure us that colour is not an intrinsic property of matter as popular belief would have it. But it is an accident of matter. A red object appears red, not because it is essentially so, but because of an extraneous cause. Red and violet would appear equally black when placed in the dark. It is the magic of sunbeams which imparts to them this special influence, this chromatic beauty, this congenial coloration. In a lonely forest, mid gloom and wilderness, a weary traveller, who had betaken himself to the alluring shadow of a pompous tree, lay down to rest and there sank in deep slumber. He awoke & found himself enveloped in gloom and dismal darkness on all sides. No earthly object was visible on

either side. A thick black firmament on high, so beclouded as to inspire with the conviction that the sun had never shone there, a heavy gloom on the right, a gloom on the left, a gloom before and a gloom behind. Thus laboured the traveller under the ghastly, frightful wind-spell of frozen darkness. Immediately the heat carrying rays of the sun struck upon the massive cloud, and, as if by a magic touch, the frozen gloom began to melt, a heavy shower of rain fell down. It cleared the atmosphere of suspended dust particles; and, in a twinkling of the eye, fled the moisture-laden sheet of darkness, resigning its realm to awakened vision entire. The traveller turned his eyes in ecstatic wonder from one direction to the other, and beheld a *dirty gutter* flowing there, a crystalline pond reposing here, a green grass meadow more beautiful than velvet plain on one side, and a cluster of variegated fragrant flowers on the other. The feathery creation with peacock's train, and deer with slender legs, and chirping birds with plumage lent from Heaven, all, in fact all darted into vision. Was there naught before the sun had shone? Had verdant forests, rich with luxuriant vegetation, and filled with the music of birds, all grown in a moment? Where lay the crystalline waters? Where the blue canopy, where the fragrant flower? Had they been transported there by some magical power in a twinkling

of the eye from dark dim distant region of chaos? No ! they did not spring up in a moment. They were already there. But the sun-beams had not shed their lustre on them. It required the magic of the lustrous sun to shine, before scenes of exquisite beauty could dart into vision. It required the luminous rays of the resplendent orb to shed their influence, before the eyes could roll in the beautiful, charming, harmonious, reposeful and refreshing scenes of fragrant green. Yes, thus, even thus, is this sublimely attractive Universe, रोचन विश्वं illuminated by a sun सूर्य आभासि, the Sun that knows no setting, the Sun that caused our planets and the solar orb to appear ज्योतिष्कृद्, the Sun that evolves the panorama of this grand creation, विश्व दर्शितः: the eternal Sun ever existing through eternity in perpetual action for the good of all. *He* sheds the rays of his Wisdom all around; the deeply thirsty, parching and blast-dried atoms of matter drink, to satiation, from the ever-flowing, ever-gushing, ever-illuminating rays of Divine wisdom, their appropriate elements and essences of phenomenal existence and panoramic display. Thus is this Universe sustained. One central Sun producing infinity of colours. One central Divinity, producing infinity of worlds and objects. Compare with this Monier Williams' translation.

“With speed beyond the ken of mortals, thou, o sun,
Dost ever travel on, conspicuous to all,

Thou dost create the light, and with it illume.
The entire universe."

We have shown why we regard *Chandas* and *Mantras* as synonymous. We have also seen how Max Muller distinguishes between *Chandas* and *Mantras*, regarding the latter as belonging to the secondary age, as loaded with technicalities, and as being less perspicuous than the former. He points out its chief character to be that "these songs are generally intended for sacrificial purposes." Concerning this *Mantra* period, he says, "One specimen may suffice, a hymn describing the sacrifice of the horse with the full detail of a superstitious ceremonial. (Rig Veda, i. 162)."

We shall, therefore, quote the 162nd Sukta of Rig Veda, as it is the specimen hymn of Max Muller, with his translation, and show how, due to a defective knowledge of Vedic literature and to the rejection of the principle that Vedic terms are all *yaugika*, Professor Max Muller translates a purely scientific hymn, distinguishable in no characteristics from the *chandas* of the Vedas, as representative of an *artificial* and *cumbersome* and highly *superstitious* ritual or ceremonial.

To our thinking, Max Muller's interpretation is so very incongruous, unintelligible and superficial, that were the interpretation even regarded as *possible*, it could never be conceived as the description of an *actual* ceremonial. And now to the hymn. The first *mantra* runs thus :—

मा नो मित्रो वरुणो अर्यमायुरिन्द्र शृङ्गुक्ता मरुतः परिख्यन् ।
यद्वाजिनो देवजातस्य सप्ते: प्रवृत्त्यामो विदथे वीर्याणि ॥ १ ॥

Max Muller translates it “May Mitra, Varuna Aryaman, Ayu, Indra, the Lord the Ribhus, and the Maruts not rebuke us, because we shall proclaim at the sacrifice the virtues of the swift horse sprung from the gods.” (Max Muller’s History of Ancient Sanskrit Literature, p. 553).

That the above interpretation may be regarded as real or as true, let Professor Max Muller prove that Aryans of the Vedic times entertained the superstition that at least one swift horse had sprung from the gods, also that the gods Mitra, Varuna, Aryaman, Ayu, Indra, the Lord of Ribhus, and the Maruts did not like to hear the virtues of the swift horse proclaimed at the sacrifice, for, if otherwise, they would have no reason to rebuke the poet. Not one of these positions it is ever possible to entertain with validity. Even the most diseased conception of a savage shrinks from such a superstition as the “swif!t horse sprung from the gods.” It is also in vain to refer for the verification of this position to the *ashvamedha* of the so-called *Puranas*. The whole truth is that this mythology of *ashvamedha* arose in the same way in which originates Max Muller’s translation. It originates from an ignorance of the dialectic laws of the Vedas, when words having a *yaugika* sense are taken for proper nouns, and an imaginary mythology started.

To take, for instance, the *mantra* quoted above. Max Muller is evidently under the impression that *Mitra* is the 'god of the day,' *Varuna* is the god of the investing sky,' *Aryaman* the 'god of the death,' *Ayu* the 'god of the wind,' *Indra* the 'god of the watery atmosphere,' *Ribhus* the 'celestial artists,' and *Maruts* are the 'storm-gods.' But why these gods. Because he ignores the *yaugika* sense of these words and takes them as proper nouns. Literally speaking, *mitra* means a friend ; *varuna*, a man of noble qualities ; *aryaman*, a judge or an administrator of justice ; *ayu*, a learned man ; *indra*, a governor ; *ribhuksa*, a wise man ; *marutas*, those who practically observe the laws of seasons. The word *ashva*, which occurs in the *mantra*, does not mean horse only but it also means the group of three forces—heat, electricity and magnetism. It, in fact, means anything that can carry soon through a distance. Hence writes Swami Dayananda in the beginning of this *Sukta* :—(Rv. Bhashyam Vol : 11. p. 533).

अथाश्वस्य विद्युद् पेण व्याप्तस्याग्नेश्च विद्यामाह ॥

"This *Sukta* is an exposition of *ashva vidya* which means the science of training horses and the science of heat which pervades everywhere in the shape of electricity."

That '*ashva*' means heat will be clear from the following quotations :—

अश्व न त्वा वारवन्तं वंदध्या अग्निं नमोभिः ॥ Rig Veda.

The words *ashvam agnim* show that *ashva* means *agni* or heat. And further :—(Rv. i. 27, 1.)

वृषो अग्निः समिद्धयते श्वो न देववाहनः । तं हविष्मन्त ईडते ॥
which means : “*Agni*, the *ashva*, carries, like an animal of conveyance, the learned who thus recognize its distance-carrying properties.” Or, further :—(Shatapatha Br. 1.iii.4 29-30).

‘वृषो अग्निः’ । ... ‘अश्वो ह वा एष भूत्वा देवेभ्यो यज्ञं वहति’ ॥

The above quotations are deemed sufficient to show both the meanings of *ashva* as above indicated.

Professor Max Muller translates the “*devajata*” of *mantra* as “sprung from the gods.” This is again wrong, for he again takes *deva* in its popular (*laukika*) sense, god; whereas *devajata* means ‘with brilliant qualities manifested, or evoked to work by learned men,’ the word *deva* meaning both brilliant qualities and learned men. Again, Max Muller translates “*virya*” merely into virtues. instead of “power-generating virtues.” The true meaning of the *mantra* therefore, is :—

“We will describe the power-generating virtues of the energetic horses endowed with brilliant properties, or the virtues of the vigorous force of heat which learned or scientific men can evoke to work for purposes of appliances (not sacrifice). Let not philanthropists,

noble men, judges, learned men, rulers, wise men and practical mechanics ever disregard these properties.”

With this compare Max Muller’s translation :—

“May Mitra, Varuna, Aryaman, Ayu, Indra, the Lord of Ribhus, and the Maruts not rebuke us, because we shall proclaim at the sacrifice virtues of the swift horse sprung from the god.”

We come now to the second *mantra* which runs thus :—

यन्निर्णिजा रेकण्सा प्रावृतस्य राति गृभीतां सुखतो नयन्ति ।
सुप्राङ्गो मेम्याद्वश्वरूप इन्द्रापूष्णोः प्रियमप्येति पाथः ॥२॥

Max Muller translates it thus :—

“When they lead before the horse, which is decked with pure gold ornaments, the offering firmly grasped, the spotted goat bleats while walking onwards; it goes the path beloved by Indra and Pushan.”

Here again there is no sense in the passage. The bleating of the goat has no connection with the leading of the offering before the horse, nor any with its walking onward. Nor is the path of Indra and Pushan in any way defined. In fact it is very clear that there is no definite specific relation between the first *mantra* and this, according to Max Muller’s translation, unless a far-fetched connection be forced by the imagination bent to discover or invent some curious

inconceivable mythology. And now to the application of the principle that all Vedic terms are *yaugika*, Max Muller translates *reknasas* into 'gald ornaments,' whereas it only means 'wealth (see *Nighantu*, ii. 10). *Rati*, which signifies the mere act of 'giving,' is converted into an 'offering,' *vishvarupa* which only means 'one having an idea of all forms is converted into 'spotted' ; *aja* which means, a man once born in wisdom, *being never born again*,' is converted into a 'goat,' *memyat* from root *mi*, to injure, is given to mean 'bleating'; *suprang* which means, from root *prachh* to quetsion, one who is able enough to put questions elegantly,' is translated as 'walking onward'; *pathah*, which only means drink or food, is translated into 'path'; and lastly the word *indra* and *pushan*, instead of meaning the governing people and the strong, are again made to signify two deities with their proper names 'Indra' and 'Pushan'. Concerning the word *patha*, writes Yaska, vi.7:—

पाथोऽन्तरिक्षं । उदकमपि पाथ उच्यते पानात् ।

अग्नमपि पाथं उच्यते पानादेव ॥

Mukhato nayan'i, which means, 'they bring out of the organ of speech,' or they explain or preach,' is translated by Max Muller into 'they lead before.'

It is thus clear that, in the *one mantra* alone, there are *nine* words that have been wrongly translated by Max Muller, and all is due to

this that the *yaugika* sense of the words has been ignored, the *rurhi* or the *laukika* sense being everywhere forced in the translation. The translation of *mantra*, according to the sense of the words we have given, will be :

“They who preach that only wealth earned by righteous means should be appropriated and spent, and those born in wisdom, who are well-versed in questioning others elegantly, in the science of forms and in correcting the unwise, these and such alone drink the potion of strength and of power to govern.”

The connection of this *mantra* with the foregoing is that the *ashva vidya*, spoken of in the first *mantra*, should be practised only by those who are possessed of righteous means, are wise, and have the capacity to govern and control.

We come now to the 3rd *mantra* of 162nd *Sukta*.

एष क्षागः पुरो अश्वेन वाजिना पुष्णो भागो नीयते विश्वदेव्यः ।
अभिप्रियं यत्पुरोडाशमर्वता त्वष्ट्रेदेनं सौश्रवसाय जिन्वति ॥३॥

Max Muller translates it thus ;—

“This goat, destined for all the gods, is led first with the quick horse, as Pushan’s share; for Tvashtri himself raises to glory this pleasant offering which is brought with the horse.”

Here, again, we find the same artificial stretch of imagination which is the characteristic of this translation. How can the goat be ‘destined for all gods,’ and at the same time be

'Pushan's *share*' alone ? Here Max Muller gives a reason for the goat being led first as Pushan's share; the reason is that 'Tvashtri, himself raises to glory this pleasant offering.' Now who is this *Tvashtri*, and how is he related to Pushan ? How does *Tvashtri* himself raise to glory this pleasant offering ? All these are questions left to be answered by the blank imagination of the reader. Such a translation can only do one service. It is that of making fools of the Vedic *rishis* whom Max Muller supposes to be the authors of the *Vedas*.

The word *vishvadevyas*, which Max Muller translates as 'destined for all the gods,' can grammatically mean so. The utmost that one can make for Max Muller on this word is that *vishvadevyas* should mean 'for all the *devas*,' but 'destined' is a pure addition unwarranted by grammar. *Vishvadevya* is formed from *vishvadeva* by the addition of the suffix *yat* in the sense of *tatra sadhu*. (See *Ashtadhyayi*, IV. 4, 98). The meaning is :—

विश्वेषु देवेषु दिव्यगुणेषु साधुविश्वदेव्यः ।

as *vishvadevyas* is whatsoever *par excellence* fit to produce useful properties. We have spoken of Max Muller translating *pushan*, which means strength, into a proper noun. *Tvashtri*, which simply means one who befits things, or a skilful hand, is again converted into a proper noun.

Purodasha, which means food well-cooked, is translated into 'offering'. The words 'which is brought with' are, of course, Max Muller's addition to put sense into what would otherwise be without any sense. *Arvat* which, no doubt, sometimes means a horse, here means 'knowledge'. For, if horse were intended, some adjective of significance would have so changed the meaning. *Saushravasaya Jinvati*, which means "obtains for purpose of a good food," *Shravas* (in Vedic Sanskrita meaning food or *anna*,) is translated by Max Muller into 'raises to glory.' The true meaning would be :—

"The goat possessed of useful properties yields milk as a strengthening food for horses. The best cereal is useful when made into pleasant food well-prepared by an apt cook according to the modes dictated by specific knowledge of the properties of foods."

We have criticised Max Muller's translation of the first three *mantras* of the *sukta* in detail to show how he errs at every step, in every case the error consisting in taking the *rurhi* meaning instead of the *yaugika* one of the word. It will not be difficult to pass from *mantra* to *mantra* till the hymn is finished, and show that the true origin of all errors lies in not recognising the *yaugika* sense of Vedic terms. But we deem the above three *mantras*

cient. We, however, subjoin herewith Max Muller's translation of the remaining *mantras* of this hymn, with our occasional remarks in the foot-notes.

Max Muller's translation :

4. "When thrice at the proper seasons, men lead around the sacrificial horse which goes to the gods, Pushan's share comes first, the goat, which announces the sacrifice to the gods.

5. Hotri, Adhvaryu, Avaya(Pratiprasthtari), Agnimindha, (Agnidhara), Gravagrabha (Gravastut), and the wise Sanstri (Prasastri , may you fill the streams (round the altar) with a sacrifice which is well-prepared and well-accomplished.*

6. They who cut the sacrificial post, and they who carry it, they who make the ring for the post of the horse, and even they who bring together what is cooked for the horse, may their work be with us.

* The word *yajna* which originally indicates any action requiring association of men or objects, and productive of beneficial results, is always translated by European scholars as 'sacrifice.' The notion of sacrifice is a purely Christian notion, and has no place in Vedic philosophy. It is foreign to the genuine religion of India. Hence all translations in which the word 'sacrifice' occurs are to be rejected as fallacious.

† Max Muller herein puts five words as proper nouns, and thus does not accept their *yaugika* sense. The word 'round the altar' are supplied by Max Muller's imagination on the grouhd that sacrifices are conducted at the altar. Both ideas are foreign to Vedic philosophy.

7. He came on—(my prayer has been well performed), the bright-backed horse goes to the region of the gods. Wise poets celebrate him, and we have won a good friend for the love of the gods.

8. The halter of the swift one, the heel-ropes of the horse, the head-ropes, the girths, the bridle, and even the grass that has been put into his mouth may all these which belong to thee be with the gods.

9. What the fly eats of the flesh, what adheres to the stick, or to the axe, or to the hands of the immolator and his nails, may all these which belong to thee be with the gods.*

10. The ordure that runs from the belly, and the smaller particles of raw flesh, may the immolators well prepare all this, and dress the sacrifice till it is well-cooked.†

* Here Max Muller does not understand the structure of the sentence. The original words are *ashvasya kravishah* which he takes to mean 'the flesh of the horse,' but *kravishah* is an adjective qualifying *ashvasya*, the whole really means, 'of the pacing horse' *Kravishah* does not mean 'of the flesh' but 'pacing' from the root *kram*, to pace. The meaning would be, "What the fly eats of whatever dirty adheres to the horse," etc. Again the words *swarau* and *swadhitu* are translated into stick and axe which is never their meaning.

† *Amasya kravisho*, which means 'raw food yet undigested and disposed to come out' is similarly translated by Max Muller into 'raw flesh' here. *Ama* is the state of the undigested food in the belly. Here again, Max Muller does not follow the structure of the *mantra*.

11. The juice that flows from thy roasted limbs on the spit after thou hast been killed, may it not run on the earth or the grass; may it be given to the gods who desire it.*

12. They who examine the horse when it is roasted, they who say "it smells well, take it away," they who serve the distribution of the meat, may their work also be with us.†

13. The ladle of the pot where the meat is cooked, and the vessels for sprinkling the juice, the vessels to keep off the heat, the covers of the vessels, the skewers, and the knives, they adorn the horse.

14. Where he walks, where he sits, where he stirs the foot-fastening of the horse, what he drinks, and what food he eats, may all these which belong to thee, be with the god !

15. May not the fire with smoky smell make thee hiss, may not the glowing cauldron swell and burst. The gods accept the horse if it is offered to them in due form.

* *Ayain Pachyamauad*, which means 'forced by the heat of anger,' is translated by Muller as 'roasted,' and *hatasya*, which means 'propelled,' is here translated by Muller as "killed"

† The translation of this *mantra* is specially noteworthy. The word *vajinam* from *vajz*, cereals, is here taken as meaning 'horse' and Professor Max Muller is so anxious to bring forth the sense of the sacrifice of the horse that, not content with this, he interprets *mansa bhiksham upaste*, which means 'he serves the *absence* of meat into 'serves the meat.' Can there be anything more questionable ?

16. The cover which they stretch over the horse, and the golden ornaments, the head-ropes of the horse, and the foot-ropes, all these which are dear to the gods, they offer to them.

17. If some one strike these with the heel or the whip that thou mayst lie down, and thou art snorting with all thy might, then I purify all this with my prayer, as with a spoon of clarified butter at the sacrifice.

18. The axe approaches the 34 ribs of the quick horse, beloved, of the gods. Do you wisely keep the limbs whole, find out each joint and strike.*

19. One strikes the brilliant horse, two hold it, thus is the custom. Those of thy limbs which I have seasonably prepared, I sacrifice in the fire as balls offered to the gods.†

20. May not thy dear soul burn thee while thou art coming near, may the axe not stick to thy body. May no greedy and unskilful immolator, missing with the sword, throw thy mangled limbs together.

* The number of ribs mentioned by Muller is worth being counted and verified. *Vankri* which means a, 'zigzag motion' is here translated as 'rib.' This requires proof.

† *Twashtu rashvasya* is here translated as 'brilliant horse,' as if *ashva* were the noun and *twashta* its qualifying adjective. The reverse is the truth. *Twashta* is the noun signifying electricity, and *ashva* is the qualifying adjective signifying all-pervading. The words, offered to the gods, in the end of the translation, are pure addition of Max Muller, to give the whole a mythological coloring.

21. Indeed thou diest not thus, thou sufferest not; thou goest to the gods on easy paths. The two horses of Indra, the two deer of the Maruts have been yoked, and the horse come to the shaft of the ass (of the *asvins*).*

22. May this horse give us cattle & horses, men, progeny and all-sustaining wealth. May Aditi keep us from sin, may the horse of this sacrifice give us strength !”—pp. 553—554.

We leave now Max Muller and his interpretations, and come to another commentator of the Vedas, Sayana. Sayana may truly be called the father of European Vedic scholarship. Sayana is the author from whose voluminous commentaries the Europeans have drunk in the deep well of mythology. It is upon the interpretation of Madhava Sayana that the translations of Wilson, Benfey and Langlois are based. It is Sayana whose commentaries are appealed to in all doubtful cases. “If a dwarf on the shoulders of a giant can see further than the giant, he is no less a dwarf in comparison with the giant.” If modern exegetes and lexicographers standing at the top of Sayana, *i. e.*, with their main knowledge of the Vedas borrowed from Sayana should now exclaim, “Sayana intimates only that sense

* *Hari* is again as a *rudhi* word translated into “two horses of Indra” and *prishati*, into “two deer of maruts.” The ‘shaft of the ass’ is, perhaps, the greatest curiosity Max Muller could present as a sign of mythology.

of the Vedas which was current in India some centuries ago, but comparative philology gives us that meaning which the poets themselves gave to their songs and phrases'; or, if they should exclaim that they have the great advantage of putting together ten or twenty passages for examining the sense of a word which occurs in them, which Sayana, had not: nothing is to be wondered at. Madhava Sayana, the voluminous commentator of all the Vedas, of the most important Brahmanas and Kalpa work, the renowned *Mimamsist*,—he, the great grammarian, who wrote the learned commentary on Samskrita radicals: yes, he is still a model of learning and a colossal giant of memory, in comparison to our modern philologists and scholars. Let modern scholars, therefore, always bear in mind, that Sayana is the life of their scholarship, their comparative philology, and their so much boasted interpretation of the Vedas. And if Sayana was himself diseased—whatsoever the value of the efforts of modern scholars—their comparative philology, their new interpretations, and their so-called marvellous achievements cannot but be diseased. Doubt not that the vitality of modern comparative philology and Vedic scholarship is wholly derived from the diseased and defective vituals of Sayana's learning. Sooner or later, the disease will develop its final symptoms and sap the

foundation of the very vitality it seemed to produce. No branch of a tree can live or flourish when separated from the living stock. No interpretations of the Vedas will, in the end, ever succeed unless they are in accord with the living sense of the Vedas in the Nirukta and the Brahmanas.

I quote here a *mantra* from Rigveda, and will show how Sayana's interpretation radically differs from the exposition of Nirukta. The *mantra* is from Rigveda, ix. 96. It runs thus:—
 ब्रह्मादेवानां पदवीः कवोनामृषिर्विप्राणां महिषो मृगाणाम् ।
 श्येनो गृध्राणां स्वधितिर्वनानां स्रोमः पवित्रमत्येति रेभन् ॥

Says Sayana :—

“God himself appears as Brahma among the gods, Indra, Agni, etc. He appears as a poet among the dramatists and writers of lyrics. He appears as Vashishtha,etc. among the Brahmanas. He appears as a buffalo among quadrupeds. He appears as an eagle among birds. He appears as an axe in the forest. He appears as the *soma juice* purified by *mantras* excelling in its power of purification the sacred waters of the Ganges, etc., etc.

The translation bears the stamp of the time when it was produced. It is the effort of a Pandit to establish his name by appealing to popular prejudice and feeling. Evidently when Sayana wrote, the religion of India was “pantheism,” or’ everything is God; evidently super-

stitution had so far increased that the waters of the Ganges were regarded as sacred; incarnations were believed in; the worship of Brahma, Vashishtha and other *rishis* was at its acme. It was probably the age of the dramatists & poets. Sayana was himself a resident of some city or town. He was not a villager. He was familiar with the axe as an instrument of the destruction of forests, etc., but not with the lightning or fire as a similar but more powerful agent. His translation does not mirror the sense of the *Vedas* but that of his own age. His interpretation of *brahma*, *kavi*, *deva*, *rishi*, *vipra*, *mahisha*, *mriga*, *shyena*, *gridhra*, *vana*, *soma*, *garvitra*—of all these words, without one exception, is purely *rudhi* or *laukika*.

Now follows the exposition of Yaska in his *Nirukta*, xiv. 13. There is not a single word that is not taken in its *yaugika* sense. Says Yaska:—

अथाध्यात्मं ब्रह्मादेवानामित्ययमपि ब्रह्मा भवति देवानां देवनकर्मणामिन्द्रियाणां पदबीः कवीनामित्यपि पदं वैत्ति कवीनां कवीयमानानामिन्द्रियाणामृषिर्विप्राणामित्ययमर्थ्युषिर्भवति विप्राणां व्यापनकर्मणामिन्द्रियाणां महिषो मृगाणामित्ययमपि महान् भवति मार्गणाकर्मणामिन्द्रियाणां श्येनो गृधाणामितिश्येन आत्मा भवति श्यायतेज्ञानकर्मणो गृधाणीन्द्रियाणिण्युध्यतेज्ञानकर्मणो यत एतस्मिंस्थिति स्वधितिर्बनानामित्ययमपि स्वयं कर्माण्यात्मनि घन्ते वनानां वननकर्मणामिन्द्रियाणां सोमः पवित्रमत्येति सूयमानोऽयमेवैतत् सर्वमनुभवत्यात्मगतिमाच्छ्टे ।

We will now speak of the spiritual sense of the *mantra* as Yaska gives it. It is his object to explain that the human spirit is the central conscious being that enjoys all experience. "The external world as revealed by the senses finds its purpose and object, and, therefore, absorption, in this central being. The *indriyas* or the senses are called the *devas*, because they have their play in external phenomenal world, and because it is by them that the external world is revealed to us. Hence *Atma*, the human spirit, is the *brahma devanam* the conscious entity that presents to its consciousness all that the senses reveal. Similarly, the senses are called the *kavayas*, because one learns by their means. The *Atma* then, is *padavi kavinam* or the true sentient being that understands the working of the senses. Further, the *Atma* is *rishir vipranam*, the cognizor of sensations; *vipra* meaning the senses as the feelings excited by them pervade the whole body. The senses are also called the *mrigas*, for they hunt about their proper aim-
ment in the external world. *Atma* is *mahisho mriganam*, i.e. the great of all the hunters. The meaning is that it is really through the power of of *Atma* that the senses are enabled to find out their proper objects. The *Atma* is called *shyena*, as belongs the power of realization; and *gridhras* are the *indriyas*, for they provide the material for such realization. The *Atma*, then, pervades

these senses. Further, this *Atma*, is *swadhitir vananam*, or the master whom all *indriyas* serve. *Swadhit* means *Atma*, for the activity of *Atma* is all for itself, man being an end unto himself. The senses are called *vana*, for they serve their master, the human spirit. It is this *Atma* that, 'being pure in its nature, enjoys all.' Such, then, is the *yaugika* sense which Yaska attaches to the *mantra*. Not only it is all consistent and intelligible unlike Sayana's which conveys no actual sense; not only is each word clearly defined in its *yaugika* meaning, in contradistinction with Sayana who knows no other sense of the word than the popular one, but there is also to be found that simplicity, naturalness and truthfulness of meaning, rendering it independent of all time and space, which contrasted with the artificiality, burdensomeness and localization of Sayana's sense can only proclaim Sayana's complete ignorance of the principles of Vedic interpretation.

This is Sayana, upon whose commentaries of the Vedas are based the translations of European scholars.

We leave now Max Muller and Sayana with their *rurhi* translations, and come to another question, which, though remotely connected with the one just mentioned, is yet important enough to be separately treated. It is the question concerning the *Religion of the Vedas*. European scholars and idolatrous superstitious

Hindus are of opinion that the Vedas inculcate the worship of innumerable gods and goddesses, *Devatas*. The word *devata* is a most fruitful source of error, and it is very necessary that its exact meaning and application should be determined. Not understanding the Vedic sense of the *devata*, and easily admitting the popular superstitious interpretation of a belief in mythological gods and goddesses, crumbling into wretched idolatory, European scholars have imagined the Vedas to be full of the worship of such materials, and have gone so far in their reverence for the Vedas as to degrade its religion even below polytheism and perhaps at par with atheism. In their fit of benevolence, the European scholars have been gracious enough to endow this religion with a title, a name, and that is Henotheism.

After classifying religions into polytheistic, dualistic, monotheistic, remarks Max Muller :—

“It would certainly be necessary to add two other classes—the *henotheistic* and the *atheistic*. Henotheistic religions differ from polytheistic, because, although they recognize the existence of various deities or names of deities, they represent each deity as independent of all the rest as the only deity present in the mind of the worshipper at the time of his worship and prayer. *This character is very prominent in the religion of the Vedic poets.* Although many gods

are invoked in different hymns. sometimes also in the same hymn, yet there is no rule of precedence established among them; and, according to the varying aspects of nature, and the varying cravings of human heart, it is sometimes Indra, the god of the blue sky, sometimes Agni, the god of fire, sometimes, Varuna, the ancient god of the firmament, who are praised as supreme without any suspicion of rivalry, or any idea of subordination. This peculiar phase of religion, this worship of single gods forms probably everywhere the first stage in the growth of polytheism, and, deserves, therefore, a separate name."†

To further illustrate the principle of this new religion, henotheism, says Max Muller :—

"When these individual gods are invoked, they are not conceived as limited by the power of others as superior or inferior in rank. Each god is to the mind of the suppliant as good as all the gods. He is felt, at the time, as a real divinity, as supreme and absolute, in spite of the necessary limitations which, to our mind, a plurality of gods must entail on every single god. All the rest disappear for a moment from the vision of the poet, and he only who is to fulfil their desires stands in full light before the eyes of the worshipers. 'Among you, O Gods,

† Max Muller, Lectures on the Science of Religion London, 1873, pp. 141-142.

there is none that is small, none that is young; you are all great indeed,' is a sentiment which, though perhaps not so distinctly expressed as by Manu Vaivasvata, nevertheless, underlies all the poetry of the Veda. Although the gods are sometimes distinctly invoked as the great and the small, the young and the old (Rv.i-27-13), this is only an attempt to find out the most comprehensive expression for the divine powers, and nowhere is any of the gods represented as the slave of others.”*

As an illustration :—

“When agni, the lord of fire, is addressed by the poet, he is spoken of as the first god, not inferior even to Indra. While Agni is invoked, Indra is forgotten ; there is no competition between the two, and nor rivalry between them and other gods. This is most important feature in the religion of the Veda, and has never been taken into consideration by those who have written on the history of ancient polytheism.”

We have seen what Max Muller’s view of the Religion of the Vedas is. We may be sure the that review of other European scholars also cannot be otherwise. Is henotheism really, then, the religion of the Vedas ? Is the worship of *devatas* an essential feature of Vedic worship ? Are we to believe Max Muller and assert that

* Max Muller; History of Ancient Sanskrit Literature pp. 532-533.

the nation to which he hesitates to deny instinctive monotheism, has so far uprooted its instincts as to fall down to an acquired belief in henotheism ?* No, not so. Vedas, the sacred books of the primitive Aryans, are the purest record of the highest form of monotheism possible to conceive. Scholars cannot long continue to misconstrue the Vedas, and ignore the laws of their interpretation. Says Yaska :—

अथातो देवतं तथानि नामानि प्राधान्यस्तुतीनां देवतानां
तदैवतमित्याचक्षते, सैषा देवतोपपरीक्षा । यत्काम ऋषिर्यस्यां
देवतायामार्थपत्तमिच्छन् स्तुतिं प्रयुडके तदेवतः स मन्त्रो
भवति ।

Nirukta, vii, 1.

Devata is a general term applied to those substances whose attributes are explained in a *mantra*. The sense of the above is that when it is known which substance it is that forms the subject of exposition in the *mantra* the term signifying that substance is called the *devata* of the *mantra*. Take, for instance, the *mantra* :—

अग्निं दूतं पुरोदधे हव्यवाहमुग्रुवे ॥ देवां २ ॥ आसा-
दयादिह ॥ यजुः २३ । १७ ॥

“I present to your consideration *agni* which is the fruitful source of worldly enjoyments, which is capable of working as though it were a messenger, and is endowed with the property of preparing all our foods. Hear ye, and do the same.”

* Max Muller ; History of Ancient sanskrit Literature, p.556.

Since it is *agni* that forms the subject-matter of this *mantra*, *agni* would be called the *devata* of this *mantra*. Hence, says Yaska, a *mantra* is of that *devata*, with the object of expressing *whose* properties, God, the Omniscient, revealed the *mantra*.

We find an analogous sense of the word *devata* in another part of Nirukta. Says Yaska:-

कर्मसम्पर्च्चमन्त्रो वेदे ॥ Nirukta, i, 2.

Whenever the process of an art is described, the *mantra* that completely describes that process is called the *devata*(or the index) of that process.'

It is in this sense that the *devata* of a *mantra* is the index, the essential key-note of the meaning of the *mantra*. There is in this analysis of the word no reference to any gods or goddesses, no mythology, no element-worship, no henotheism. If this plain and simple meaning of *devata* were understood, no more will the *mantras* having *marut* or *agni* for their *devatas* be regarded as hymns addressed to "the storm-god" or "the god of fire" but it will be perceived that these *mantras* treat respectively of the properties of *marut* and of the properties of *agni*. It will then, be regarded, as said elsewhere in Nirukta:—
देवो दानाद्वा द्योतनाद्वा दीपनाद्वाद्य स्थानो भवतीति वा Nirukta vii, 15; that whatsoever or whosoever is capable of conferring some advantage upon us, capable of illuminating things, or capable of explaining them to us, and lastly, the Light of all

lights, these are the fit objects to be called *devatas*. This is not in any way inconsistent with what has gone before. For, the *devata*, of a *mantra*, being the key-note of the sense of the *mantra*, is a word capable of rendering an *explanation* of the *mantra*, and hence is called the *devata* of that *mantra*. Speaking of these *devatas*, Yaska writes something which even goes to show that people of his time had not even the slightest notion of the gods and goddesses of Max Muller and superstitious Hindus—gods, and goddesses that are now *forced* upon us under the Vedic designation, *devatas*. Says Yaska :—

अस्ति शाचारो बहलं लोके देवदेवत्यमतिथिदेवत्यं
पितृदेवत्यं ॥

We often find in common practice of the world at large, that learned men, parents, *atithis*, (those guest-missionaries who have no fixed residence, but wander about from place to place benefitting the world by their religious instructions), are regarded as *devatas* or called by the names of *devatas*. It is clear from the above quotation, that religious teachers, parents and learned men, these alone, or the like, were called *devatas* and no others, in Yaska's time. Had Yaska known of any such idolatry or henotheism or *devata*-worship, which superstitious Hindus are so fond of, and which Professor Max Muller is so intent to find in the Vedas, or had any such worship prevailed in his time, even though he

himself did not share in this worship, it is impossible he should not have made any mention of it at all, especially when speaking of the common practice among men in general. There can be no doubt that element-worship or nature-worship, is not only foreign to the *Vedas* and the ages of *Yaska* and *Panini* and *Vedic rishis* and *munis*, but that idolatry and its parent mythology, at least in so far as *Aryavarta* is concerned, are the products of recent times.

To return to the subject. We have seen that *Yaska* regards the name of those substances whose properties are treated of in the *mantra* as the *devatas*. What substances, then, are the *devatas*? They are all that can form the subject of the human knowledge. All human knowledge is limited by two condition; *i.e., time* and *space*. Our knowledge of causation is mainly that of succession of events. And succession is nothing but an *order* in *time*. Again, our knowledge must be a *knowledge* of something and that something must be somewhere. It must have a *locality* for its existence and occurrence. Thus far the *circumstances* of our knowledge—*time* and *locality*. Now to the *essentials* of knowledge. The most exhaustive division of human knowledge is between *objective* and *subjective*. Objective knowledge is the knowledge of all that passes without the human

body. It is the knowledge of phenomena of the external universe. Scientific men have arrived at the conclusion that natural philosophy, *i. e.*, philosophy of the material universe, reveals the presence of two things, matter and force. Matter as matter is not known to us. It is only the play of forces in matter producing effects, sensible, that is known to us. Hence the knowledge of external world is resolved into the knowledge of *force* with its modifications. We come next to subjective knowledge; there is *firstly*, the *ego*, the *human spirit*, the conscious entity; *secondly* the internal phenomena of which the human spirit is conscious. The internal phenomena are of two kinds. They are either the voluntary, intelligent, self-conscious activities of the mind, which may hence be designated *deliberate activities*; or the passive modifications effected in the functions of the body by the presence of the human spirit. These may, therefore, be called the *vital activities*.

An *a priori* analysis, therefore, of the knowable leads us to six things, *time*, *locality*, *force*, *human spirit*, *deliberate activities* & *vital activities*. These things, then, are fit to be called *devatas*. The conclusion to be derived from the above enumeration is that if the account of *Nirukta* concerning Vedic *devatas*, as we have given, be really true, we should find *Vedas* inculcating these six things—*time*, *locality*, *force*, *human*

spirit, deliberate activities and vital activities as devatas, and no others. Let us apply the crucial test.

We find, however, the mention of 33 *devatas* in each *mantra* as these,—

त्रयस्त्रिंशतास्तुवत् भूतान्यशास्यन् प्रजापतिः परमेष्ठ्याधि-
पतिरासीन् । Yajur x.iv.31.

यस्य त्रयस्त्रिंशद्वेवा अङ्गे गात्रा विभेजिरे ।
तान्वै त्रयस्त्रिंशद्वेवानेके ब्रह्मविदो विदुः ॥ अथर्वा X.7-27.

“The Lord of all, the Ruler of the universe, the Sustainer of all, holds all things by 33 *devatas*.’

“The knowers of true theology recognize the 33 *devatas* performing their proper organic functions, as existing in and by Him, the One and Only.”

Let us, therefore, see what these 33 *devatas* are, so that we may be able to compare them with our *a priori* deductions and settle the question.

We read in Shatpatha Brahmana :—

स होवाच महिमान पवैषामेते त्रयस्त्रिंशत्वेव देवा इति ।
कतमे ते त्रयस्त्रिंशत् इति ? अष्टौ वसव एकादश रुद्रा द्वादशादि-
त्यास्ता एकत्रिंशदिन्द्रश्चैव प्रजापतिश्च त्रयस्त्रिंशाविति ॥ ३ ॥
कतमे दसव इति । अग्निश्च पृथक्षी च वायुश्चान्तरिक्षं चादि-
त्यश्च यौरज चन्द्रमाद्य नक्षत्राणि चैते वसवः, एतेषु हीङ्गं
सर्वं वसु हितमेते हीङ्गसर्वं वासयन्ते, तद्यदिवं सर्वं वासयन्ते
तस्माद्वसव इति ॥ ४ ॥ कतमे रुद्रा इति । दशेषु पुरुषे प्राणा
आत्मैकादशस्ते वदाश्मान्मत्यर्च्छरीरादुत्क्रामन्त्यथ रोदयन्ति

तद्यद्रोदयन्ति तस्मादुद्रा इति ॥५॥ दत्तम आर्दत्या इति ॥
 द्वादश मासाः संवत्सरस्यैत आदित्या एते हीदृशंसर्वमाददाना
 यन्ति, तद्यदिदृशंसर्वमाददाना यन्ति तस्मादादित्या इति ॥६॥
 कतंम इन्द्रः कतमः प्रजापतिरिति । स्तनयित्नुरेवेन्द्रो, यज्ञः
 प्रजापतिरिति । कतमः स्तनयित्नुरिति ? अशनिरिति । कतमो
 यज्ञ इति ? पशव इति ॥७॥ कतमे ते त्रयो देवा इति इम एव
 त्रयो लोका, पृष्ठ हीमे सर्वे देवा इति, कतमौ द्वौ देवौ इति ।
 अन्नं चैव प्राणश्चेत । कतमो अध्यर्थ इति ? योऽयं पवते ॥८॥
 तदादुः यद्यमेक एव पवतेऽथ कथमध्यर्थ इति ? यदस्मिन्निः
 ष्ठंसर्वमध्याधर्मोत्तेनाध्यर्थ इति कृतम एको देव इति ? स
 ब्रह्मेत्याचक्षते ॥ xiv. 16. *Vide* p.66. (*Veda Bhashya*
Bhumika by Svami Dayananda Sarasvati).

The meaning is :—Says Yajnavalkya to Shakalya, “there are 33 *devtas* which manifest the glory of God; 8 *vasus*, 11 *rudras*, 12 *adityas*, 1 *indra* and 1 *prajapati*; 33 on the whole. The 8 *vasus* are (1) heated cosmic bodies (2) planets (3) atmosphere, (4) super-terrestrial spaces (5) suns, (6) rays of ethereal space, (7) satellites, (8) stars. These are called *vasus* (abodes), for, the whole group of existences resides in them *viz*; they are the abode of all that lives, moves, or exists. The 11 *rudras* are the ten *pranas* (nervaurie forces) enlivening the human frame, and the 11th is *atma* (the human spirit). These are called the *rudras* (from root *rud* to weep), because when they desert the body it becomes dead, and the relations of the dead, in conse-

quence of this desertion, begin to weep. The twelve *adityas* are the twelve solar months, making the course of time. They are called the *adityas* as, by their cyclic motion they produce changes in all objects, and hence the *lapse of the term of existence for each object*. *Aditya* means that which causes such a lapse. *Indra* is the all-pervading *electricity or force*. *Prajapati* is *yajna* (an active voluntary association of object on the part of man, for the purpose of teaching or learning). It also means *Pashus* (the useful animals). *Yajna* and useful animals are called *prajapati*, as it is by such actions and by such animals that the world at large derives its materials of sustenance. What, then, are the three *devtas* ? Asks Shakalya. "They are," replies Yajnavalkya, "the 3 *lokas*; (viz., locality, name and birth)." What are the two *devtas* ?—asked he. Yajanvalkya replied, "*pranas* (the positive substances) and *anna* (the negative substance). What is the *Adhyardha* ? He asks." Yajanvalkya replies, "*Adhyardha* is the universal electricity, the sustainer of the universe, known as *suratma*." Lastly, he inquired, "Who is the one *Devta* ?" Yajanvalkya replied, "God, the adorable."

These, then, are the thirty-three *devtas* mentioned in the Vedas. Let us see how far this analysis agrees with our *a priori* deduction. The eight *vasus*, enumerated in *Shatpatha*

Brahmana are clearly the *localities*; the eleven *rudras* include, *firstly*, the ego, the human spirit, and *secondly*, the ten *nervaurie forces*, which may be approximately taken for the *vital activities* of the mind; the twelve *adityas* comprise time, *electricity* is the all-pervading *force*; whereas *prajapati*, (*yajna* or *pashus*,) may be roughly regarded as comprising the objects of *intelligent deliberate activities* of the mind.

When thus understood, the 33 *devtas* will correspond with the six elements of our rough analysis. Since the object here is not so much as to show exactness of detail as general coincidence, partial difference may be left out of account.

It is clear, then, that the interpretation of *devatas* which Yaska gives is the only interpretation that is consistent with the *Vedas* and the *Brahmanas*. That no doubt may be left concerning the pure monotheistic worship of ancient Aryas, we quote from *Nirukta* again :—

माहाभाग्यादेवताया एक आत्मा बहुधा स्तूयते, एकस्या-
त्मनोऽन्ये देवा प्रत्यक्षानि भवन्ति । कर्मजन्मान आत्मजन्मान,
आत्मैवेषां रथो भवति आत्माऽश्वा आत्माऽश्वायुधमात्मेषव
आत्मा सर्वं देवस्य देवस्य ॥ *Nirukta* vii. 4;

“Leaving off all other *devatas* it is only the Supreme Soul that is worshipped on account of His omnipotence. Other *devatas* are but the *pratyangas* of this Supreme Soul, i.e., they but

partially manifest the glory of God. All these *devatas* owe their birth and power to Him. In Him they have their play. Through Him they exercise their beneficial influence by attracting properties, useful; and repelling properties, injurious. He alone is the All-in-All of all the *devatas*,

From the above it will be clear that, in so far as worship is concerned, the ancient Aryas adored the supreme Soul only. regarding Him as the life, the sustenance and dormitory of the world. And yet pious Christian missionaries and more pious Christian philologists are never tired of propagating the lie before the world, that the Vedas inculcate the worship of many gods and goddesses. Writes a Christian missionary in India :—

“*Monotheism* is a belief in the existence of one God only, *polytheism* is a belief in the plurality of gods. Max Muller says, ‘If we must employ technical terms, the religion of the Veda is polytheism, not monotheism.’ The 27th hymn of the 1st Ashakta of the Rigveda concludes as follows : ‘Veneration to the great gods, veneration to the lesser, veneration to the young, veneration to the old; we worship the gods as well as we are able; may I not omit the praise of the older divinities.’”*

The pious Christian thus ends his marks

*John Murdoch:Religious Reform, Part III, Vedic Hinduism

on the religion of the Vedas. "Pantheism and polytheism are often combined, but monotheism in the strict sense of the word, is not found in Hinduism." Again says the pious missionary :—

"Ram Mohan Roy, as already mentioned, despised the hymns of the Vedas, i.e. spoke of the Upnishads as the Vedas and thought that they taught monotheism. The Chhandogya formula, *ekamevaduitiyam brahma*,' was also adopted by Keshub Chander Sen. But it does not mean that there is no second God, but that there is no second anything—a totally different doctrine."

Thus it is obvious that Christians, well saturated with the truth of God, are not only anxious to see monotheism off the Vedas, but even off the Upnishads. Well might they regard their position as safe, and beyond assail on the strength of such translation as these :—

"In the beginning there arose Hiranyagarbha (*the golden germ*)—He was the one born lord of all this. He established the earth and the sky :—who is that God to whom we shall offer our sacrifice ?" *Max Muller.*

'He who gives breath. He who gives strength, whose command all the bright gods revere, whose shadow is immorality, whose shadow is death :—Who is the god to whom we shall offer our sacrifice ?" *Ibid.*

Hiranyagarbha, which means God in whom the whole luminous universe resides in a poten-

tial state; is translated into the *golden germ*. The word *jatah* is detached from its proper construction and placed in apposition with *patir*, thus giving the sense of ‘the one born lord of all this.’ Perhaps, there is a deeper meaning in this Christian translation. Some day not in the very remote future, these Christians will discover that the *golden germ* means ‘conceived by the *Holy Ghost*,’ whereas the one born lord of all’ alludes to Jesus Christ. In one of those happy days, this *mantra* of the Veda will be quoted as an emblematic of a prophecy in the dark distant past, of the advent of a Christ whom the ancients knew not. How could they, then, adore him, but in the language of mystic interrogation ? Hence the translation, “who is the God to whom we shall offer our sacrifice ?” Even the second *mantra*, Max Muller’s translation of which we have subjoined above, has been differently translated by an audacious Christian. What Max Muller translates as “He who gives breath,” was translated by this believer in the word of God, as “He who sacrificed Himself, *i.e.* Jesus Christ.” The original words in Sanskrita are य आत्मदा बलदा :-

Let us pass from these *mantras* and the mis-interpretations of Christians to clear proofs of monotheism in the Vedas. We find in Rigveda the very *mantra*, which yields the *golden germ* to European interpreters. It runs thus —

हिरण्यगर्भः समवर्त्तताग्रे भूतस्य जातः पतिरेक आसीत् ।
स दाधार पृथिवीं द्यामुतेमां कस्मै देवाय हविषा विधेम ॥

which means—

“God existed in the beginning of creation, the only lord of the born universe. He sustains the self-luminous and the non-luminous, (the whole universe). He is the Eternal Bliss whom we should praise and adore.”

In Yajurveda, xvii, 19, we find :—

विश्वतश्चक्षुरुत विश्वतो मुखो विश्वतो बाहुरुत विश्वत-
स्पात् संबाहुभ्यां धर्मति संपत्त्रैर्यावाभूमी जनयनदेव एकः ।

Which means :—

“Being all-vision, all-power, all-motion in Himself, He sustains with His power the whole universe, Himself being one alone,

And in Atharva Veda, XIII.iv 16—21, we find :—

न द्वितीयो न तृतीयश्चतुर्थो नाप्युच्यते
स एक एव एक वृदेक एव । सर्वे अस्मिन् देवा एकवृतो
भवन्ति ॥

Which means :—

“There are neither two gods, nor three, nor four,nor ten. He is one and only one and pervades the whole universe. All other things live, move and have their being in Him.

VEDIC TEXTS

No.1-

THE ATMOSPHERE

वायवायाहि दर्शतेमे सोमा अरंकृताः ।
तेषां पाहि श्रुधि हवम् ॥४० १२१॥

THERE is nothing which so beautifully illustrates the bounteous dispensation of Providence in Nature, as the atmosphere, which surrounds our earth to a certain height all round. This gaseous envelope, which is elastic and at the same time so rare, is especially characterised by its lightness, which renders it amenable to the influence of disturbances even the slightest.

Imagine a huge mass of iron lying inert, say in one position, and suppose a heavy stone or a dense ball dashed against this grotesque ball of iron, and see what follows. You will see how sluggishly the grotesque mass obeys the impulse, how reluctantly, as it were, the idle mass parts with its inert condition to be alive with the activity of the impinging stone ! What a vide contrast does the atmosphere present to this inert mass. Each molecule of the air, on account of its lightness and elasticity, so readily succumbs to all forces from without, so mechanically multiplies, the impulse, as it were, by its mobility, that even the slightest tremor

first communicated to it sends it dashing along the free path of molecules in air, until it meets a fresh encounter with another molecule. This molecule, like a waiting position, immediately stands up and proceeds on its errand. The next molecule obeys the first and the third obeys the 2nd and so on. Only a few moments elapse, (not more than five or six seconds), in the (twinkling of an eye, when a vast tract in the expansive ocean of air—a tract of almost a mile in area, 5 times 1,100 feet long,—is furrowed over with ripples of exquisite beauty. Just imagine how sensitively delicate the molecules of air must be. There is not a faint flutter of wings, not a noiseless breath that ever escapes and does not furrow tracts of air with exquisite waves.

Tremors are thus communicated with gigantic velocity by this mobile air. The invisible artistic designs into which the molecules of air thus cast, are only beautiful beyond description. A genuine transcript of the true state of things are the words of poet Emerson.

“Thou canst not wave thy staff in air,
Or dip thy paddle in the lake.
But it carves the brow of beauty there,
And the ripples in rhymes the oars forsake.”

It is on the mobile wings of air that the fragrance of flowers, the odour of essences and the effluvia of substances are wafted to immense distances creating a diffusiveness that blends

motion into uniformity and harmony. Is not, then, a *light, mobile, tremor-communicating, effluvia-carrying medium* a better and a more exact appellation for this masterly creation of the Architect of Nature than the ugly, unmeaning, inexact and half-articulate word *air*. It is exactly this sense, italicized in the above lines, which the Vedic word *vayu* conveys, the word with which the *mantra* quoted above begins.*

We have seen what the physical properties of the molecules, which compose the air, are. Let us now consider the phenomena which it gives rise to. The rays of the sun falling upon the earth heat the layers of earth. Which in their turn heat the layers of air in contact with them. These layers of air, when heated, become lighter and ascend. Colder layer of air rush in to fill up the vacuum created by the ascending hot layers of air, they heated in their turn, rise and make room for the advent of other similar layers of air. Thus a rapid circulation of heat goes on, which gives rise to currents. Of exactly similar nature are all the winds that blow. From the same cause originate those north-eastern

* *Vayu*, derived by the Niruktakara from the root *Va*, to move, to carry odoriferous matter, or from *Vah*, to communicate tremors, is always moving in the form of currents; is the cause of extension of vision and of other appearance; it furnishes the plant with air and food and preserves the equilibrium between the vegetable and the animal kingdoms and it makes our sound and all others as well heard.

south-eastern winds known as trade-winds. The portions of earth near the equator always receive a greater quantity of heat from the sun than others do. The layers of air in contact with those portions of earth rise, and colder air from northern and southern quarters rushes in towards the equator, and, coupled with the rotatory motions of earth, gives rise to north-eastern and south-eastern winds. Firstly, then, we find that the air is always circulating and giving rise to currents in perpetual motion. This *vayu*, then, (*ayahi*) is always moving in the form of currents.

Next, see what effect it has in modifying the phenomena of light. The rays of light, that traverse through solar and interplanetary regions, ultimately strike upon the highly-rarefied layers of air, high above in the skies. In passing from vacuum into air, these rays of light deviate in their course, and pursue a bent direction on account of refraction. Had the lower layers of air, through which these rays have to pass, been of uniform temperature, once having bent in its course in contact with the first layer of air, the rays of light would have then pursued its course undeviated in air. But meeting with layers of air of different temperatures and, therefore, of different densities, it is, at each step that it advances a little refracted again and again so that these rays, having passed through all curious paths, all

zigzag ways that it is possible to imagine, ultimately meet terrestrial objects, including the eyes of man, and there excite vision. How wonderfully it modifies and extends the range of vision, will then be apparent. Even the most delusive appearance known as "the mirage" that is often seen by travellers in the hot sandy deserts, is due to the reflection and refraction of light at innumerable surfaces presented by the heated layers of air. It is through air, then, that we are able to see not only in the direction of the source of light, the sun, but in all other possible directions. It thus extends the range of our vision. It is also due to air that such delusive phenomena or appearances as the mirage start into vision. Our atmosphere, then, besides giving rise to currents, extends the range of our vision and is the cause of the phenomena like that of mirage. Hence it is, that we have, in the Vedic *mantra* quoted above, the word *darshata*, i.e; the cause of extension of vision and of other appearances.

Another and a very important part which the air plays in the economy of nature is the purpose it serves of the maintenance of vegetable world. Always there is a certain quantity of carbonic acid present in the air, which however slight, is sufficient to maintain the equilibrium between the animal and the vegetable worlds. The trees and plants, the main body of which essentially consists of carbon, derive all

their carbon from the air. The leaves of plants possess a kind of substance called chlorophyl, which in the presence of light decomposes the carbonic acid gas present in the air. The carbon which results from this decomposition, is assimilated by the plants, and the oxygen is set free. This oxygen, freed from carbonic acid, so to say, is what animal inspire. Animal life is maintained by the continuance of animal heat, which is due to the combustion of oxygen with carbon of the animal frame. Thus all animals inhale oxygen and exhale carbonic acid, whereas all plants absorb carbon of the carbonic acid. Air thus stands a common vehicle between the vegetable and the animal kingdoms. Due to these causes, all plants and animal life depends upon the presence of air. Not only is air necessary for the existence of plants and animals, but is also necessary for the maintenance of dynamical equilibrium between these two classes of organic nature. The word *soma* used in the Vedas means something that springs out of breath, and especially designates the vegetable kingdom which as such, is necessarily dependent upon the soil from which it springs. Hence we have *soma arankritah tesham pahi* in the Vedic *mantra*, meaning thereby that the atmosphere furnishes the plants with air and food, and preserves the equilibrium between the vegetable and the animal kingdoms,

Another fact worth noticing in discussing the phenomena of air, is that it is the vehicle

of all sounds, Man has been often called a speaking animal; and, no doubt, the capacity of speech distinguishes man to a very great extent from other members of the animal kingdom. Now this speech, which, in this sense, is at the root of our advancement and civilization, essentially consists of articulated sounds, the utility of which would have been entirely marred, if there had been no air. Air, then, is also a vehicle of sound, a fact which is mentioned in the *mantra* in the last two words, *shrudhi havam*—it makes our sounds and all others' as well, heard.

No. II

COMPOSITION OF WATER

मित्रं हुवे पूतदक्षं वरुणं च रिपादसम् ।
धियं घृताचीं साधन्ता ॥ शू० । १ । २ । ७ ॥

THE word *rig* signifies the expression of the nature, properties and actions and re-actions produced by substances. Hence, the name has been applied to Rig Veda, as its function is to describe the physical, chemical and active properties of all *material* substances as well as the psychological properties of all *mental* substances. Next to a knowledge of things comes the practical application of that knowledge, for all knowledge has some end, that end being usefulness to man. Hence, Yajur Veda comes next to Rig Veda, the meaning of Yajur being application. It is upon this double principle of liberal and professional (or technical) education that the well-known division of the course of study of the Aryas, the Vedas, into Rig and Yajur, is based.

Let us not mock at the position taken by the Aryas with respect to the nature of the Vedas, for, there are reasons enough to justify this position. Not being a novel position at all, it is the position that is maintained even according to the Hindu systems of mythology which are but gross and corrupt distortions of

Vedic sense and meaning. The broad and universal distinction of all training into professional and liberal has been altogether lost sight of in the Puranic mythology, and like everything else has been contracted into a narrow, superstitious sphere of shallow thought. The Vedas, instead of being regarded as universal text-books of liberal and professional sciences, are now regarded as simply codes of religious thought. Religion, instead of being grasped as the guiding principle of all active propensities of human nature, is regarded as an equivalent of certain creeds and dogmas. So with the Rig and Yajur Vedas. Yet, even in this distorted remnant of Aryan thought and wisdom,—the Puranic mythology,—the division of the Vedas into Rig and Yajur, the liberal and the professional, is faithfully preserved. The *rig*, now, implies a collection of hymns and songs in praise and *description* of various gods and goddesses; whereas Yajur, now, stands for the *mantras* recited in the ritual, the active parts of religious ceremonies. This is the view taken by the so-called scholars of the day.

Let us not, however, altogether forget the original distinction. There is much in it to recommend itself. The *mantra* at the top, which has been taken from second Sukta of Rig Veda, is cited here as a sample to justify the view entertained by the Aryas with respect to the

Rig Veda. This *mantra* describes the process or steps (*dhiyam*) whereby the well-known of liquids, water, can be formed by the combination of two other substances (*gritachim sadhanta*). The word *sadhanta* is in the dual number indicating that it is two elementary bodies which combine to form water. What two elementary substances, according to this *mantra*, are, is not a matter of least importance to determine. The words used to indicate those two substances are *mitra* and *varuna*.

The first liberal meaning of *mitra** is measurer. The name is given to a substance that stands, as it were, as a measure or as a standard substance. It is the measurer of density, or of value, otherwise known as *quanti-valence*. The other meaning of *mitra* is "associate." Now in this *mantra*, *mitra* is described as an associate of *varuna*. It will be shown how *varuna* indicates oxygen gas. Now it is

* The word *mitra* is formed by adding the *unadi* suffix *ktra*, to the root *mi*, according to the sutra अमिच्चिमिश-सिभ्यः कत्र ॥ उण० ४ । १६४ ॥ The meaning is मिनोति मन्य करोति मित्रः or one that measures or stands as a standard of reference,

† Again, we have in Nighantu, the Vedic dictionary, chapter V, Section 4 मित्र इतिपदनामसुपठितम् ॥ Hence *mitra* means that which approaches or seeks association with others.

‡ *Varuna* is formed by adding *unadi* suffix *unan* to root *vri* to accept, कृषुदारिभ्यः उनन् ॥५३॥ Hence it means that which is acceptable to all or seeks all.

well known that hydrogen is not only the highest element known, nor is it only monovalent, but that it has strong affinity for oxygen; hence it is that it is described as an associate of *varuna*. Many other analogies in the properties of *mitra* and *hydrogen* go to suggest that what is in the Vedic terms styled as *mitra*, is in fact identical with hydrogen. *Mitra*, for instance, occurs as synonymous with *udana*, in many parts of Vedas, *udana* is well characterized by its lightness or by its power to lift up.

The second element with which we are concerned is *varuna*. *Varuna* is the substance that is acceptable to all. It is the element that every living being needs to live. Its well known property is *rishadha*, i.e., it eats away or rusts all the base metals, it burns all the bones, etc; and physiologically purifies the blood by oxidizing it, and thereby keeping the frame alive. It is by these properties that *varuna* is in general distinguished; but it is especially characterized here as *rishadha*. No one can fail to perceive that the substance thus distinctly characterized is oxygen gas.

Another word used in the *mantra* is *puta-daksham*. *Puta* is pure, free from impurities. *Daksha* means energy. *Puta-daksham* is a substance, pure, possessed of kinetic energy. Who that is acquainted with the kinetic theory of

gases, cannot see in *puta-daksha* the properties of a gas highly heated ?

The meaning of the *mantra* taken as a whole is this:— Let one who is desirous to form water by the combination of two substances take pure hydrogen gas highly heated, and, oxygen gas possessed of the property *rishadha*, and let him combine them to form water.

It would, no doubt, sound strange that long before Cavendish performed his experiment on the composition of water, or long before oxygen and phlogiston were known to the philosophers of the west, the true philosophy of the composition of water was recorded in the Vedas and perhaps understood by many philosophers of the east.

Let not any of our readers imagine that the interpretation of the Vedic *mantra* given above is purely an imaginary production of the brain of the writer. The above interpretation is, in fact, based upon some already existing commentaries of the Vedas, and there is enough either in ancient commentaries or in that of Swami Dayananda to suggest this and similar interpretations of all *mantras*.

No. III.
GRIHASTHA.

**A Scientific Exposition of Mantras Nos. 1, 2, and 3 of
the 50th Sukta, of first Mandal of the Rig Veda
bearing on the subject of household.**

चदुत्यं जातवेदसं देवं वहन्ति केतवः । दृशे विश्वाय सूर्यम् ॥१॥

BEFORE I begin an exposition of a few *mantras* of the 50th Sukta of Rig Veda bearing on the subject of *Grihastha*, let it be remarked in due justice to ancient *rishis* who lived in days when Vedas were better understood and more sincerely, honestly and truthfully revered than the Bible, the Zendavestha and the Quran are now-a-days—yes, let it be remarked in justice to those *rishis*, that to their minds many of the obvious & more recondite forces of nature were the ladders by which they rose from the lower depths of material objects to the celestial heights of divine contemplation. Their thought familiarly climbed upon the ladder of physical forces till a glimpse of the divine was obtained. Invigorated with the light thus received, it as easily retraced its footseteps to share the bounty with their fellow-brethren, the whole race of mankind. Let me observe that, whilst I speak in this strain, I am giving expression to no vague indefinite ideas of my own, to no whisperings of erratic, chaotic imagination. These are no words

of flattery, offered as sacrifice at the altar of national conceit, prejudice, or custom. They are rather honest but imperfect expressions of the sublime lives which *rishis*, no doubt, lived. But more sublime and astonishingly charming was the state of those four *rishis*, Agni, Vayu, Aditya and Angirah—living in the beginning of creation, whose faculties were, according to the beliefs of the Aryans, illumined by the light of the Vedas. The dizzy heights to which the thoughts of these *rishis* soared, but with no giddiness; the meandering labyrinths through which their intellects traced the unity of the divine design, quite unperplexed and not fatigued, but rather cheered and invigorated by the effort; these are facts, which we—innocent darlings of the nineteenth century, the era of civilization—we darlings, fed in the lap of material science, nourished by the milk of ponderous truths, discovered by elaborate ratiocinative and inductive processes, and supported by the carbonaceous aliment of isolated facts and nitrogenous edibles of constructive theories and hypotheses, cannot easily conceive. The truth-loving, poetical, beauty-admiring temperament of these *rishis* is far, far removed from the money-loving, practical, use-admiring callous minds of moderns. No wonder, then that we should find so very few expositors of Vedic lore in this era of research and activity. Truth with sectarian ignoramuses and religious-prejudice-spectacle-wearers may be

measured by the numbers of its adherents or votaries, and well might Christians argue that their overwhelming number in the world is a proof that Christianity is the dispensation destined by the Divinity to prevail over the world. But far different is the case with Vedic truth. It is perennial. It is not the birth of to-day or yesterday just as other religions are. The measure of Vedic truth is not its power to grow and spread, But its inherent power to remain the same ever to-day and to-morrow. "Men and parties, sects & schools are but the mere ephemera of world's day. Truth, high-seated upon its rock of adamant, is alone eternal and supreme."

It was this truth of God and Nature that was given to the primitive four *rishis* to comprehend. Justly, may our uninspired eyes roam about in vain from here to there, from rocks to vegetables and from vegetables to men to detect unity; but the inspired minds of the four *rishis* could only perceive the unity of the Divine mind in every thing. The minerals, the vegetables and the animals were to them but one book, in which they read but the power, the justice and the wisdom of God. Owing to the sublimity of revelation, were foreshadowed before their mind's eye landscape-paintings of human institutions, achievements and aspirations in a long distant future, and in all these, they saw the spirit of the Father brooding with paternal care over

eternal designs for the happiness and benefit of His children. Reader, imagine yourself once in this exalted condition. Then alone are you in a fit position to grasp and understand the deep meaning of the Vedic *mantra*. This deep meaning is everywhere spiritual. There is a fine and very sublime link between *mantra* and *mantra*, which can be perceived but in such moments of exaltation alone.

We must bear in mind that internal is always the more difficult to grasp. The modern scholar, whose powers of the senses have been well trained to observe and carefully note the phases and changes undergone by phenomena, may not find any connection or coherency between *mantra* and *mantra*. To him the Vedas may be mere collections of isolated prayers to deified forces of nature including wind and rain; but to an earnest truthful inquirer, who has entered the exalted condition I have above described, there is that logical coherence and philosophical regularity in the sequence of the *mantras* which can only be called *divine*. In this spirit should we study the Vedas, a sample of which is presented by the 50th Sukta.

I have before said that the universe, as construed by the *rishis*, is a ladder along which the inspired mind rises to the contemplation of the Divine. This exactly is the subject-matter of this *mantra* of the 50th Sukta of Rig Veda.

In dark, rainy, stormy night, in an hour of stillness and dead slumber, a thief entered the treasure-room of a peaceful family, and stole away all precious metal and property, and in the mad joy of his possession ran aback over twenty miles of wet ground, and betook himself as quite safe from the grasp of the owner. But the light dawned, and the owner awoke in full consciousness of his stolen property. Fearlessly and resolutely but in entire calm of his mind, he began the track and slowly but surely reached the rendezvous and seized the thief with the treasure which he had appropriated. This is but mere analogy. I have nothing to do with the stealth and with the property, but with the indelible, unmistakable footprints, not of a thief, but of a Creator on the frame of the universe. The wise man, who has his intellect lumined by universal benevolence, सजोषाः धीरः bent upon finding out the *first Cause*, begins his inquiry, and, slowly but steadily tracing Nature back to its source, halts at God. There the inquisitive and penetrative faculties of the intellect are cooled to satisfaction, and lie in peaceful repose in the enjoyment of the treasure thus found. To such a mind, what are the different objects of this universe ? They are the footprints of Deity, the postmarks tracked by the divine rays of wisdom along their path of action. They are just as the Vedic *mantra* puts it केतवः, the flag-signs, track-beams, the

design-types which point with one voice to Him (त्यम्) from whom all knowledge has proceeded (जातवेदसं). He is the eternal Sun that ever shines (देवम्). He it is who makes us see this grand panorama of the universe (हशे विश्वाय सूर्यम्). So also is the case with the sun of the material universe. Would you see the the variegated objects of Nature ? Study, then, the sunbeams playing amidst wonders of space and see what they lead you to. They leads us to the globe of the sun, who is truly the cause of all we see; for, not only has all the matter of the planetary system proceeded from the sun, but the very light which reveals to us the existence of the material objects in their diverse forms and colours, points out to the sun as its source and fountain-head. Would you, then, see the universe ? Then observe that the universe points you out to the wonder of the planetary system, the sun. Would you enjoy your term of earthly life in peace of mind and happiness prepetual ? Observe, then, that the entire happiness of the world points out to the sacred institution of marriage, of *grihastha*, the fraternal and conjugal affections are cooled to satisfaction; for, from pure, truthful, affectionate and wisely conducted marriages alone can happy progeny flow into the world. This is the threefold sense of the Vedic *mantra*. It points out to God as the fountain of all

causation, to the sun as the source of all the planetary world and its chromatic wonders, and to the sacred institution of marriage, founded upon pure, rational and spiritual physiology, as the source of all happiness and bliss on this earth.

अप त्ये ताथवो यथा नक्षत्रा यंत्यक्तुभिः ।
सूराय विश्वचक्षसे ॥२॥

I come now to the second *mantra* of the same Sukta. I have mentioned that happiness on this earth can only be secured by *rightly conducting the sacred and divine institution of marriage*. I need not speak here at length on this subject, but it will be well to point out that *all attempts to regenerate our society in any other direction are merely fruitless*. Do you ever expect a heroic, Svami-like, intellectual progeny from the present marriages contracted in an unnatural age by parties forced by unnatural compulsion of parents into these contracts ? To expect this, is to expect an impossibility. Teaching and preaching, education and consociation can mould the superficial or the external character of man, but strike ineffectually at the deeper and more permanent character, the hereditary or the constitutional character, which flows with our blood, which we have drunk in with the very milk from our mothers, which we have inherited with our very bones and nerves, blood and muscles. Believe it, then, that the true cure of the

evil that exists in our society is the physiological cure, the cure that strikes at the very root of the disease of our society, the cure that professes to mould the individual and society from their very birth, by enjoying the observance of the Divine injunction of pure, truthful, rational marriage, as contrasted with compulsory, impulsive, formal marriage. What is the observance that can secure health and happiness to society ? The answer to this question is imprinted in the indestructible Divine laws of nature. Observe the starry host of heaven, नक्षत्रा, or the moisture-laden ocean of the atmosphere, तायवः. What law do they obey ? Are they not regular in the succession of the phenomena they present ? Regularly, after, every 24 hours, does not starry host of the heaven unite itself with night, यन्त्रवक्तुभिः, regularly for 12 hours in 24 does it depart from the society of the sun, सूराय विश्वचक्षसे. Here are suggestions for the married people. Let them reflect over this and chalk out a path of piety for themselves. Again, study the atmospheric envelope. What law does it obey ? Regularly after every year does the monsoon blow, regularly for six months do the winds continue to take the same direction. These proclaim a lesson for the married. The lesson is for the married parties to separate themselves invariably during sunlight, as the starry heaven disconnects itself from the sunlight for every

12 hour. The second lesson for them is to observe the law of periodicity, just as day and night, trade-winds, and monsoons, obey their periodic laws of succession. If these laws were carefully observed, there would flow into the world that happiness and health which were never realized before. Earth would be a beautiful garden to live in, far more attractive and real than the Paradise, of the Moslems or the Heaven of the Christians, which is all paved with hard gold, with no stuffed cushions to relieve us of its hardness. Compare with this natural, spiritual, physiological marriage, the beastly marriages, a countless number of which are being contracted from day to day in our country without exciting the ridicule or even the thought of the reformers. I count upon no responsibility so serious as that of ushering an individual being organised like our own selves into the world. How many are they who feel this responsibility? How few children are there who are born of a wilful, appreciative, conscientious consociations of their parents? How many of them are the products of lust, blind impulse, and purely fortuitous concourse? These are the things that may well sound obscene to many of our delicately constituted readers, but human nature is sacred in every part. It calls for obedience to its dictates in each direction. It is no respector of creeds or personalities. Let us learn, then, the law of peri-

odicity, and realize the happiness that is in store for us by virtue of the divine ordination mentioned in these *mantras*.

I do not wish to leave the subject of marriage without impressing upon the minds of my reader another truth which is not the less important, a truth which forms the subject-matter of the 3rd *mantra* of this *Sukta*. What language, but the sweet accents of the *Vedas*, can adequately express truth? These are the words of the *mantra* :—

अद्वितीय केतवो विश्वमयो जनां अनु ।
भाजन्तो अग्नयो यथा ॥ ३ ॥

I do not wish to discourse upon an irrelevant topic, but all nature is unique. Truth is all of one type. The digression may be excused. Scientific people believe, and no doubt upon grounds indubitable, that light and heat are eternal associates of each other. Each possesses in its bosom, the essence, the elements, and the power, of developing the other. Both are forms of motion, they are vibrations only differing in the frequency of their occurrence. The vibrations occur in the same medium. Light is capable of being reflected. So is heat. Light is capable of being polarized. So is heat. Heat maintains the life of the animal frame. Light maintains the life of vegetable kingdom. Heat produces the vapoury atmosphere. Light precipitates the cloudy mass in

rain and pours it upon the plains. Light and heat are conjugal associates in nature. Heat is warm, light is cold and refreshing. Heat and light are the love and life of the body. They are each other's companions and complements in Nature. The gorgeous display of colours, which light makes us familiar with, are not less striking than the equally important molecular and chemical changes which heat works out. By heating a body, you can raise it to incandescence, till it begins to burn; by proper means, you can entrap light and make it heat our articles and even burn them, if necessary. But see how they proceed from the sun, their common fountain. They proceed in pairs. The warm-exciting rays of the sun are the भ्राजन्ते अग्नये of the Vedic *mantras*; the light-emitting, colour-providing variegating rays of the sun are the रश्मयः केतवः of the *mantra*. How beautifully are they interlocked with each other. Held in each other's embrace, these caloric and spectral rays dart from the sun, and journey on together through millions of miles of gorgeous space to fall on earth, to warm life and illuminate dormant intellect. The arrogant man of science may claim to himself the power of sifting these interlocked, interwedded, embosomed conjugal pairs of rays by iodine filters and alum solutions; but there is no absolute separation, no entire dis severing of bonds. Let us learn a

lesson from this. The Vedic *mantra* enjoins upon us this lesson. It enjoins upon men the duty of learning the lesson of conjugal relation from the heat and the light rays of the sun जनां अनु. It inculcates inviolability of the marriage tie. Let the married couples preserve their sacred relation inviolable and intact, and not frustrate their peace and happiness by adopting the opposite course of free-marriages. The designs of the Divinity can only be wrought by the inviolability of this tie. One inviolable marriage conducted according to the periodic law alone is compatible with an acquisition of the true knowledge of the Divine Being. This is the sacred law of inviolability that the Vedic *mantra* enjoins. But there is another and a deeper meaning of the *mantra* which should not be lost sight of. It is that light and heat permeate through every possible material object of creation जनां प्रविष्टः ॥ जन is the class of created objects. Let us not laugh at this proposition. It has the solid bulwark of science to support it. Heat is a motion of the molecules composing the body. There is no substance, of whatever description, that is entirely destitute or completely devoid of molecular vibration. Vibration is the general law. Light is an accident of ether, the luminiferous medium, whose vibration essentially constitutes light. Is there any sub-

stance throughout the range of created objects, wherein motion and ether do not conjugally and coevally dwell ? Yes, even in the same way, the Divine essence lives within the very interior of every living soul.

**COMMENTARY
ON
UPANISHADS**

ISHOPANISHAD

—:०:—

ईशावास्यमिदं सर्वं यस्तिकञ्च जगत्यां जगत् ।
तेन त्यक्तेन भूखीथा मा गृधः कस्य स्वद्वनम् ॥ १ ॥

1.—By one Supreme Ruler is this universe pervaded, even every world in the whole circle of Nature. Enjoy pure delight, O man, by abandoning all thoughts of this perishable world, and covet not the wealth of any creature existing.

कुर्वन्नेवेह कर्माणि जिजीविषेच्छतथ्यसमाः ।
एवं त्वयि नान्यथेतोऽस्ति न कर्म लिप्यते नरे ॥ २ ॥

2.—Aspire, then, O man, to live, by virtuous deeds, for a hundred years, in peace with thy neighbours. Thus alone, and not otherwise, will thy deeds not influence thee.

असुर्या नाम ते लोका अन्धेन तमसावृताः ।
तांस्ते प्रेत्यापि गच्छन्ति ये के चात्महनो जनाः ॥ ३ ॥

3.—To those regions where evil spirits dwell and utter darkness prevails, surely go, after death, all such men as destroy the purity of their own souls.

अनेजदेकस्मनस्तो जबीयो नैनहे वा आनुवन् पूर्वमर्षत् ।
तद्वावतोऽन्यानत्येति तिष्ठत्तस्मिन्नपो मातरिश्वा दधाति ॥४॥

4.—There is one unchangeable, eternal, intelligent Spirit, even more vigorous than mind. Material senses cannot perceive Him. Therefore the sage withdraws his senses from their natural course and perceives the Supreme Being everywhere present.

तदेजति तन्नैजति तद् रे तद्वन्तिके ।
तदन्तरस्य सर्वस्य तदु सर्वस्यास्य बाह्यतः ॥ ५ ॥

5.—He moves all, but Himself does not move.

To the ignorant He is far, but to the wise He is at hand. He pervades inside and outside of all..

यस्तु सर्वाणि भूतान्यात्मन्येवानुपश्यति ।
सर्वभूतेषु चात्मानं ततो न विजुगुप्सते ॥ ६ ॥

6.—“He who considers all beings as existing in the Supreme Spirit, and the Supreme Spirit as pervading all beings, cannot view with contempt any creature whatsoever.”

यस्मिन् सर्वाणि भूतान्यात्मैवाभूद्विजानतः ।
तत्र को मोहः कः शोकः एकत्वमनुपश्यतः ॥ ७ ॥

7.—How can joy and sorrow overtake him who, through wisdom, perceives the Unitary Spirit as dwelling in all beings?

स पर्यगाल्लुक्रमकायमत्रणमसनाविरक्षु शुद्धमपापविद्धम् ।
कविर्मनीषी परिभूत्वर्यभूर्यथातथ्यतोऽर्थान् व्यदधाच्छाश्व-
तीभ्यः समाभ्यः ॥ ८ ॥

8.—“He overspreads all creatures. He is entirely Spirit without the form either of a minute body, or an extended one, which is liable to impression or organization. He is the ruler of the intellect, self-existent, pure, perfect, omniscient, and omnipresent. He has from all eternity been assigning to all creatures their respective purposes.”

अन्धतमः प्रविशन्ति ये ऽविद्यासुपासते ।
ततो भूय इव ते तमो य उविद्यायाञ्छ्रताः ॥ ९ ॥

9.—“Miserable are they who worship ignorance; but far more miserable are they who arrogantly presume knowledge.”

अन्यदेवाहृष्टियाऽन्यदाहृविद्यया ।

इति शुश्रुम धोराणां ये नस्तद्विच्चक्षिरे ॥१०॥

10.—Saints, wise and firm, assure us that ignorance, the life of senses, produces one result; and knowledge, the life of spirit, produces exactly the reverse.

विद्याज्ञाविद्याज्ञ यस्तद्वेदोभवथ्यं सह ।

अविद्यया मृत्युं तीत्वा विद्ययाऽमृतमश्नुते ॥११॥

11.—He, who realizes both, passes through physical dissolution by virtue of the life of senses, and enters into immortality by virtue of the life of spirit.

अन्धंतमः प्रविशन्ति येऽसंभूतिमुपासते ।

तता भूय इव ते तमो य संभूत्याथ्य रताः ॥१२॥

12.—Miserable are they, who worship atoms as the efficient cause of the world; but far more miserable are they who worship the visible things made of atoms.

अन्यदेवाहृः सम्भवाद्यदाहृसम्भवात् ।

इति शुश्रुम धोराणां ये नस्तद्विच्चक्षिरे ॥१३॥

13.—Saints, wise and firm, assure us that the worship of atoms leads to one result, and that of things visible to the reverse.

सम्भूतिज्ञ विनाशज्ञ यस्तद्वेदोभयथ्यं सह ।

विनाशेन मृत्युं तीत्वा सम्भूत्यामृतमश्नुते ॥१४॥

14.—He, who realizes both, enjoys, after death which is the consequence of the worship

of things visible, immortality, the fruit of the realization of Divine power displayed in atoms.

द्विरण्यमयेन पात्रेण सत्यस्थापिहितं मुखं ।

तच्चं पूषन्पावृणु सत्यधर्माय दृष्टये ॥ १५ ॥

15.—“O Thou who givest sustenance to the world unveil that face of the *true* sun which is now hidden by a veil of golden light, so that we may see the *truth* and know our whole duty.”

पूषन्नेकर्षे यम सूर्यं प्राजापत्य व्यूह रश्मीन् समूह । तेजो यत्ते
रूपद्वल्याणतमन्तत्ते पश्यामि योऽसावसौ पुरुषः सोऽहमस्मि १६

16.—O Preserver, sage of sages, Ruler, Eternal Light, and Life of the creation ! gather up Thy rays., and collect thy Light, so that I may be able to feel Thy glorious presence full of beatitude. This alone is my earnest prayer.
वायुरनिलमसृतमधेदं भरमन्तरथं शरीरम् ।
ओऽम् क्रतो स्मर कृतथंस्मर ॥ १७ ॥

17.—The air shall sustain the immortal spiritual body, the gross one shall only last till cremation. O thou ! who hast sown the seed of deeds, remember that the same thou shalt reap.

अन्ने नय सुपथा राये अस्मान् विश्वानि देव वयुनानि विद्वान् ।
युयोध्यस्मज्जुहराणमेनो भूयिष्टान्ते नमर्दक्ति विधेम ॥ १८ ॥

18.—O All-wise Being ! Thou art the source of knowledge. Inspire us with Thy wisdom, lead us to rectitude, and drive off our evil. To this end, we repeatedly praise Thee and adore.

COMMENTARY
OR
EXPOSITION

—:o:—

RELIGION, as society at present exists, has been grossly *misconceived*. Artificial prayers consisting of set phrases, uttered almost unconsciously, or, at the best, in a state of semi-consciousness, by unfeeling hearts, who, in their lives and conduct, have betrayed inhuman vices, cruelty, uncontrollable passions, strong antipathies and inexcusable weaknesses; forced ceremonials, adopted through imitation, habit, fashion, custom, or fear of society; costly, useless, energy-wasting and time-consuming rituals; bold iniquities, that priests and leaders of sects have practised, establishing inequalities of men in the sight of Heaven; these and similar other *absurdities* have usurped the title of *religion*, and have inundated the world with an uncontrollable flood of misery, vice, crime, war and bloodshed. The countenance of religion has become completely disfigured by looks of mutual hatred and diabolical enmity, freaks of vengeance and ambition, by anxiety-toned glare of selfish eyes, by anger-broken brow of intolerance, and by the dreadful pallour of falsehood-poisoned faculties.

Reason and faithfulness have been divorced from the entire domain of intellect. Religion has become synonymous with mere profession of creed or opinions. Mere faith has been substituted for living good lives and doing gracious deeds. *Words* have dethroned *works*. Superstition and mythology have dictated explanations of the mystery of the universe—explanations that are not less interesting, nor more true than the tales of Arabian Nights. Metaphysics has been driven to bear witness to the competency of the story-telling, lie-manufacturing machinery of these explanations. Guess and conjecture fill the room of exactness and certainty. Dreams have been enthroned upon society as facts. Imagination has been strained to yield forth supernatural theology, preternatural miracles and unnatural doctrines. Human nature has been vilified, insulted and stigmatized, as wholly depraved. Hope and expectation have been banished from the future. Eternal hell-flames and mighty engines of torture have been forged and imposed upon the people instead.

Many useful and noble faculties have been denied their privilege, others have been completely suppressed ; whereas some have been put to serve persecution and trying ordeal. The whole stock of energy has been consigned to bigotry and dogmatism. Such, in fact, has been the office of religion.

Many gifted intellects, endowed with clear heads, have perceived this ruinous character of religion, and have revolted at it. And such is the sad spectacle still presented that many minds do yet revolt at it, and feel an aversion towards religion which is highly prejudicial to the interest of progress and truth. The noble conceptions which *true religion* might have engendered, the joys that might have sprung therefrom fertilizing and gardenizing the soil of life, are entire strangers to the necessarily sceptical honest, truth-seeking minds of present time.

Is not all this deplorable ? Is nothing better possible ? Are we to be set adrift on the ocean of *uncertain*, yet *honest* scepticism ? Is the mystery of life really insoluble ? Perhaps it is not given to man to understand the nature of things ! If it be so, life would be a sad spectacle indeed; pains and miseries of this world would be simply unbearable.

Fortunately, however, the above is attributable to human ignorance of true religion. True religion is free from all artificiality and fabrication. True religion is not merely an oral profession. It is no mythology. It is a living essence. It is highly *practical*. It is founded on *entire truth*. It takes for its basis the *harmonious development of all the faculties*, the righteous unfolding of all our capabilities of knowing and being.

Religion, true religion, consists in living a life in Divinity; for,

“There’s Divinity that shapes our ends.

“Rough-hew them how we will,”

To realize the existence of this divinity and to feel its presence everywhere and at every time with us, is the first lesson to be learnt in religion. The *Conception* that Nature, with her immutable laws and inexhaustible energies, with her infinity of forms and phenomena—is not an edifice of “chance,” but has the positive fact of an Ever-Active and Moving Principle diffused throughout Nature for its basis, is the beginning of religion. When one has *realized* this, and in the joyous depths of his consciousness, can exclaim, “BY ONE SUPREME RULER IS THIS UNIVERSE PERVERVADED, EVEN EVERY WORLD IN THE WHOLE CIRCLE OF NATURE,” he is *then* fit to take a step further and learn the lesson of individual reformation. But the lesson of individual reformation is never received till man has learnt to penetrate through the fleeting forms and phenomena of Nature to Nature’s God.

Nature widely spreads her *evanescent* charms and *fleeting* beauties everywhere. Man is easily misled by her alluring attractions and wild enchantments to forget the *Everlasting*, *Eternal* God that resides in the interior of, and pervades each of, her *ephemeral* productions. The human mind, when as yet undeveloped and

unrefined is soon held in captivity by the bondage of sensuous phenomena of the world. The gorgeous display of riches and wealth, the pompous show of rank and dignity, and luxuriant abundance of opulence, the licentious sensualisms of ease and affluence, not unoften unbalance the young unsophisticated mind, and merge him into a sea of *wordly* ambitions, and expose him to the *earthly* anxieties of Envy, Passion, Jealousy, Hatred and Vice. Not seldom is man thus blinded to the interests of his everlasting life; and the true delight that ever enters the bosom of devotee, who, while holding himself aloof from the affections of this phenomenal world, contemplates the All-pervading God of the Universe in His bounteous dispensation throughout Nature, is thus a stranger to him. Man consequently, requires to be reminded that this world is a fleeting show, that the pleasures of senses are never permanent, that an earthly life is a weedy garden that never grows to seed, and that empty titles, names and honours, reaped in this world, will not last long. It is wrong to hold out our affections for things perishable. The Eternal, the everlasting should engage our attention, draw our affections, absorb our interest, and excite our aspirations, for then alone, is true delight possible.

Wouldst thou, O man, flee from the evils of this world, from the glamour of earthly pomp

and deception ? Wouldst thou get rid of envy, passions, jealousy and hatred ? Wouldst thou be released from the restraints, cares and anxieties of earthly bondage ? Dost thou seek for the *pure, everlasting* enjoyment of peace and happiness ? Then, “ENJOY PURE DELIGHT, O MAN, BY ABANDONING ALL THOUGHTS OF THIS PERISHABLE WORLD.”

When thus conceived, what a blessing is religion, pure religion ! Its lessons are full of wise and useful teachings. Led from Nature to Nature’s God, we learn to contemplate the perishableness of this world and dislodge our affections for it. When thus fitted, we are able to take a step further; and that leads directly to individual reformation, which essentially depends upon the perception of *justice*, a principle deepest engrained in human nature,

There *is* a Deific Essence that rules and governs all by *general wise providence*, intended for the *highest good of all*. This universal providence enlivens the minutest atoms as well as the largest sun, and fits the one and the other each for its respective mission which is the highest good for all. A realisation of this providence working for the highest good of *all*, a sympathetic vibration with the pulsations of this providence constitutes a “true” perception of the principle.

The highest good of all, being the object, the

wondrous system of the Nature is the Divine Institution fulfilling this mission in a truly wondrous and sublime manner. Its eternal, immutable, unchangeable laws are the Divine code of perfect legislation, breathings from the essence of the Deity, modes in which He eternally lives, rules and governs all. He keeps no vigilant, watchful, designing, conspiring, and often-times dishonest, corruptible police to keep a record of each one's doings, and to superintend his actions, lest they disturb the general peace of his subjects. The Divine Institution is not susceptible of such weaknesses. Each one's memory is his infallible record keeper, Whereas the sensible organisation that apprises each of pleasure and pain, is the omnipresent police whose mission is not to punish but to teach lessons and to reform. There are no courts where law suits are decided; but social feelings, affections and other emotions are the interior chambers of the mind, where Reason sits on the throne of perpetual judgment. This is the *universal* machinery employed in the Institution of Nature. And its object being the highest good of all, it is so regulated that the personal good of each, on the whole, consists in the good of all. The eternal immutable laws of Nature, consequently, recognize no special obligations. no individual isolated rights and are no respecters of persons. One way the

whole current of Nature flows—**THE COMMON WEAL.** No violation of this common course is possible without involving the transgressor in the consequences of transgression—consequences by virtue of which he is thrown off from the common course, for a moment to leave the general current undisturbed, to get himself purified, rectified, and resigned, if not willing to be subservient to the interests of the universal whole.

The law of justice, that keeps each being in peaceful relations with his neighbour, and dictates to him the standard of purity and his own soul, also enjoins upon him the *self-chosen* and *pleasing* duty of living in peace with his neighbour, and in tune with the external world. The destruction of this equilibrium is what constitutes discord, disease, misery, war, and destruction. Should any individual therefore, attempt to disturb the general peace, the indispensable consequences of this *transgression* will inevitably devolve themselves upon him. But far different is the case of *one* who consciously and wilfully adopts the career that Providence has designed and regulated for all. His path, though difficult in the beginning, leads straight to individual happiness and social welfare. His is a path of peace and tranquility. No envious heart-burn, no exhausting emulation, no feeling of contempt or disgust, no despair or disappoint-

ment, no discontentment with his environments ever prompts him to swerve from the righteous course and spoil the temple of his personal health and individual existence. On the contrary, his social and fraternal feelings are saturated to satiation, his disinterested nature uplifts him above ordinary persecution on one hand and selfishness on the other, his reason is unclouded, and his will pure and undefiled. For, let man once comprehend that there is a wise Providence that regulates the affairs of the boundless universes around us by the ordination of general laws, let him once to his satisfaction understand, comprehend and know these general laws, and feel the existence of this Providence in the depths of his heart fully enough never to forget it for a single moment in his life, let him once enter this condition, and he will feel the unity of his spirit with that of others. He will find himself in tune with all others. Then will arise a perception of true brotherhood with mankind, for it will be seen that our delight consists in making others delighted, our happiness in making others happy.

It is this perception of universal justice (which regards all mankind as one brotherhood and impels man to seek the harmonization of his interest with duty, lest, in not doing so, he may transgress the motion of natural currents that lead to general good), that can keep one willingly

and delightfully from infringing upon the rights and liberties of others. Thus alone, when in accord with the maxims of universal justice, can he truthfully exclaim "COVET NOT THE WEALTH OF ANY CREATURE EXISTING." Only then, and not till then, is true individual reformation possible.

Religious progress, however, does by no means end here. Merely to keep one's self aloof from the turmoils of this earthly life, to remain, as it were, unimpressed by the fleeting show and vanity of this world, or, lastly, to abstain from infringing upon the rights and liberties of others, is but the negative or prohibitive side of religion, with which even sinful indolence, coldest indifference, conniving reticence, and an abetter's silence are compatible. Religion is too positive to be restricted to these mere prohibitive duties. The wondrous organization of man endowed with *potent* energies and *vivacious* capabilities, has some *more imperative* demands, points out to the existence of some higher ends, and cannot be silenced by the dictates of mere prohibitive morality. For purposes of mere peaceful enjoyment, never in conflict with the enjoyments of others, a passive organization would have been quite enough, But man possesses active powers, innate energies, and stirring elements; and all these are not in vain. They beckon him towards the *constant application* and *energetic employment*.

of all his bodily and mental powers for the glorious end of achieving peace and happiness for himself and his neighbours. Activity and not sluggishness is the law of Nature. Animate and inanimate Nature, both, is full of lively energy and restless animation. Nothing is idle. The ant is ever busy, the earth we live upon ever whirls round and round, the plants and trees are ever employed in their growth, the air is always circulating and the waters are always bubbling and flowing ! Look round and say, what religion does Nature enjoin, what lessons does it widely outspread ? Everywhere in the domain of Nature, the inherent forces are ever busy in manifesting their presence.

Nature enjoins but one religion, and that is Action, incessant, untiring, powerful, energetic Action,—for good, for glory, for health and for happiness of Each and All. “ASPIRE, THEN, O MAN, TO LIVE IN VIRTUOUS DEED, FOR A HUNDRED YEARS, IN PEACE WITH THY NEIGHBOURS. THUS ALONE, AND NOT OTHERWISE, WILL THY DEEDS NOT CONTAMINATE THEE.”

To one who leads a life of incessant useful activity, how bounteous is the universe ! it is a rich mine of happiness that only requires digging down and taking possession of. And what are human faculties to him ? Speech with its power to soothe and to bless, music with its

power to calm and to refresh, affections with their mainsprings to elevate and to support, and thoughts with their wings to take the loftiest flights and to soar; these and other faculties are full of hidden beauties. Each organ is pure and holy, as its mission is noble and sublime. Can one admire this beauty of the human system, appreciate it at its worth, comprehend its holiness, desire its purity and still remain disagreeable, discordant and deformed himself? No, he is too alive to the beauties of internal purity and the lustre of inward holiness, ever to linger in the darkness of filthy sensualism or hell of moral decrepitude. Purity of motives, holiness of deeds and loveliness of lives are the internal beauties that he prizes most, and values above all. He cannot degrade himself by destroying this internal beauty, for, he is alive to the truth that "**TO THOSE REGIONS WHERE EVIL SPIRITS DWELL AND UTTER DARKNESS PREVAILS SURELY GO AFTER DEATH ALL SUCH MEN AS DESTROY THE PURITY OF THEIR OWN SOULS.**" He is rather filled with joy at the glorious capabilities of his existence and at the priceless gift of life, is inspired with gratefulness for His endowment of reason, and moved to thanksgiving for the possession of his moral nature. His spirit is moved with gratitude towards Him who pervades all immensity, **animates the orbs of heaven and the worms**

of earth, and destines them for ceaseless action for millenniums to come. Where is there an object in the unfolded universe, that does not inspire the grateful mind to sing praises of Him who reigns supreme everywhere, showing beauties and blessings around ? In due acknowledgment of our gratefulness and our dependence upon Him, our souls rise in worshipful attitude towards Him, who is “ONE UNCHANGEABLE, ETERNAL, INTELLIGENT SPIRIT, EVEN MORE VIGOROUS THAN MIND.” It is true that “Material senses cannot perceive Him,” but the heart bends in homage, ever grateful for the bounteous gift of providence. Flavours, odors, colors, sounds and other external impressions may effect the externally-minded man and render him forgetful of the source from whom all these flow, but one in whose spirit beauty blooms, and gratitude rises with fragrant incense of submissive homage, cannot help penetrating beyond them. He “WITHDRAWS HIS SENSES FROM THEIR NATURAL COURSE AND PERCEIVES THE SUPREME BEING EVERY WHERE PRESENT.” No more do the delusive phenomena of the world delude him. Sensuous and external vanities no more blind his expanded and internally-unfolded vision. Far from external strife, and in the quiet of his mind, he perceives the Supreme Being that MOVES ALL BUT HIMSELF DOES NOT MOVE... Yes, to

the worldlyminded, passion-stricken, ignorance-ridden individuals. *He may be far*, but TO THE WISE HE IS AT HAND," for, HE *pervades inside and outside of ALL.*" For a mind thus moving with the spirit of gratefulness, discord, discontent and disturbance exist no more. For, what are jealousy, hatred, envy, contempt and other discords but different forms of antipathy? And how can antipathy exist, when one has realised for all mankind a common destiny, when one perceives each spirit moved by kindred influences of the same Providence, each atom of the vast universe animated by the same breath and each individual heart flaming with indentical heaven-lighted fire. All differences melt away. Mankind is one family. All are brothers. There are no enmities, no rivalries, no jealousies and no oppositions. Under the patronage of such a mental exaltation, one is delightfully led to consider "ALL BEING AS EXISTING IN THE SUPREME SPIRIT AND THE SUPREME SPIRIT AS PERVADING ALL BEING," and CANNOT VIEW WITH *CONTEMPT* ANY CREATURE WHATSOEVER;" nor can "joy and sorrow overtake him," for he perceives through his wisdom "the UNITARY SPIRIT THAT DWELLS IN ALL BEINGS."

Reverence, admiration and love are the only feelings that actuate *him* whose perception extends to the Unitary Spirit of the universe.

When one reflects, how one is moved with reverence even towards those superiorly endowed individuals, who though superior, are fallible, finite, liable to pain, ignorance, disappointment, weakness and their consequences, it ceases to be a wonder that he should be moved with greater respect, admiration and reverence towards Him who "OVERSPREADS ALL CREATURES, IS ENTIRELY SPIRIT, WITHOUT FORM, EITHER OF A MINUTE BODY OR AN EXTENDED ONE, WHICH IS LIABLE TO IMPRESSION OR ORGANISATION." "WHO IS THE RULER OF THE INTELLECT, SELF-EXISTENT, PURE, PERFECT, OMNISCIENT AND OMNIPRESENT,"—THE KIND FATHER "WHO HAS FROM ALL ETERNITY BEEN ASSIGNING TO ALL CREATURES THEIR RESPECTIVE PURPOSES."

Blessed are they who enjoy the knowledge of this Divinity, this omnipresent Providence. Excessive joy dwells in the conscious depths of those who feel the presence of this great Reality. Life is a rich luxury, an immanent blessing, an eternity of enjoyment and growth. Death is swallowed up in victory. But miserable are they who are tied within the meshes of *ignorance* all around. Insensible of this great Reality of the universe, can *ignorance* go further? See what a wreck it makes, There is nothing more hideous than *ignorance*. It has been truly said

that when man only once becomes conscious of his *ignorance*, it is simply unbearable. Wisdom, therefore, begins with the *consciousness of ignorance*. The wise Socrates was right, assuredly right, when he said, "I only know that I know nothing." All discord spring out of *ignorance*. See what a hideous picture it presents. Says immortal Patanjali :—

“अनित्याशुचिदुःखानात्मसु नित्यशुचिसुखात्मस्यातिरविद्या ।”

‘Fourfold is the fearful power of *ignorance*. It leads its pitiable victim, in the first place, to conclude that this visible, audible universe, the very elements of which are given to decomposition and decay, shall last for ever that this gross physical body, this *mortal coil*, is only thing that lasts after death. In the second place, it leads him to the horribly erroneous conviction that female beauty,—beauty which has been styled by some philosophers as a silent cheat, practice of falsehood, theft and the like, the very essence of which breathes filth and impurity are enjoyments pure and desirable. In the third place, it plunges him into that ocean of pain and misery, the sea of passions and sensualities, in the gratification of which the blind victim of Ignorance imagines the acquisition of pleasure and of happiness. Fourthly and lastly, the victim of Ignorance has no conception of soul and spirit. To him there is no soul beyond this material, ponderable, visible substance.’ Such

is *ignorance*, and as such it may truly be called the *life of senses*, for what is it but a recognition of no happiness beyond sensual pleasures, of no life beyond that of senses, and of no world beyond the sensible one ? Surely “**Miserable ARE THEY WHO WORSHIP IGNORANCE; BUT FAR MORE MISERABLE ARE THEY WHO ARROGANTLY PRESUME KNOWLEDGE”** For he is not wise who presumes to know more; who claims to carry a pile of books in his brain; or a thick cluster of words and phrases in his memory or a shower of sarcastic vocabulary in his tongue; or a borrowed magazine of that stuff (which is so useful for the purpose of victory in intellectual warfare, commonly known by the name of *arguments*) in his promiscuous store-house called the *mind*. *Wise* is rather he who feels *nobly*, thinks *nobly*, lives *nobly* and **ACTS NOBLY**. The difference between *wisdom* and *ignorance* is the difference of the opposites. *Wisdom* is life perpetual, happiness eternal, and peace for ever. *Ignorance* is all the misery, all the crime, all the sickness and all the evil that exists in this world. The difference between *wisdom* and *ignorance* is all the difference that is possible in this world. They were not wrong who proclaimed “**THAT IGNORANCE, THE LIFE OF SENSES, PRODUCES ONE RESULT; AND KNOWLEDGE, THE LIFE OF SPIRIT, PRODUCES EXACTLY THE REVERSE.”**

But blessed is the wise man who gets good out of evil and nectar out of poison. For a wise man *the very senses* have a sacred function to perform. This is the function of कर्मोपासना (*Karmopasana*).—that well-ordered, righteously regulated religious life which leads to emancipation from bondage, from sins, from misery and from death. Yes wisdom attracts discipline out of senses, righteousness out of passions, elevation out of affection, emancipation out of ignorance and yields forth as its fruit everlasting *bliss* and *immortality*. Of such, has it been said, “HE WHO REALIZES BOTH, PASSES THROUGH PHYSICAL DISSOLUTION BY VIRTUE OF THE LIFE OF SENSES, AND ENTERS INTO IMMORTALITY BY VIRTUE OF THE LIFE OF SPIRIT.”

Many are the victims of ignorance, and direful are the forms it assumes. One of them is what may, for want of a better name, be called scientific atheism. This is belief in the omnipotence of atoms. The externally-minded scientific man, whose mind is replete with conceptions of matter and motion, with dynamical and mechanical explanations, ever true to his instinct of never believing any thing except on the testimony of his senses begins the task of crude analysis. He dissects organised structures, nerves, muscles and tissues, and re-dissects, but throughout all the labyrinths of the brain, all the complicated network of veins and arteries, he

finds no trace of an intelligent God, all is motion or matter in motion. He begins his physiological researches and ends in chemical and nervous action everywhere. Again he leaves the organic department of nature, and analyzes and decomposes, and again analyzes and decomposes each solid and liquid and gas, now in a crucible, then in a retort, now by means of heat and then by means of electricity, here with re-agents and there with reactors, but meets everywhere with atoms, their affinities and their valencies, but nowhere with God. On the *positive* evidence of *direct* observation, and from the *infallible* platform of *personal* experience, with his head raised in the *proud* majesty of *knowledge*, and his spine straightened with the *nervous* energy of *natural* forces, he bids farewell, a last farewell to the barbaric dogma of a belief in the existence of an intelligent, all-pervading, all-moving principle. His belief in the potency of atoms is boundless. They are *unanalyzable*, *undecomposable*, *simple monads*, *uncreated*, *eternal* in their existence, endowed (not by anything else but naturally through necessity of existence) with *unconceivable* motions. In the vast *chaotic* operation of these atomic forces, specific atoms met through accident and selection, united together, assumed a *temporary* organization, exhibiting signs of breathing conscious life. This germ of life, on account of wholly unexpected and incomprehensible

circumstances, under favourable conditions, (favourable through chance or selection) propagated itself and multiplied. Great was the *struggle for existence* then raging. Many fortuitously organized beings were, in the course of this struggle, again hurled back into the atomic chaos whence they sprang. This is *extinction*. But some fortunate organizations (fortunate, not through merit or desert, nor through design but *fortunate somehow*) survived this diresome catastrophe, and prospered. Their organization modified and developed new organs, and re-modified and redeveloped, till man appeared on the stage. Now man, this man, the product of fortuitous combination of atoms, with his heated brain, exudes entirely unsupported doctrines of immortality and providence. Can a sensible man believe such dogmas ? Vain are thy efforts O theologian ! to construct an edifice of religion on the foundation of sand. Human race, as a race, may, for long ages to come, survive, but individual man shall only go back to the vile dust from whence he sprang.

Such is *scientific atheism*. All is uncertain and unreliable. Life is but an accidental spark produced by the friction of mighty wheels, the blind whirling motion of which constitutes the phenomena of the universe. There is no hope of futurity, no consolation for oppressed virtue or disappointed justice, hereafter. A natural

result of which is that the worshipper of *omnipotent atoms*, dashed headlong into a sea of unrighteousness and immortality, tramples all justice without a pang, suppresses all virtue without a sigh, and over the wreck of all that is noble and elevating in human nature builds his philosophy of *desperate-ism*. He is desperate in his actions, desperate in his feelings, or perchance, his is a philosophy of *resignation*. Desperate or resigned *there* are the signs of brutal violence to human nobility rendered, and as is the case of all violence rendered to human nature, the subject is agitated, distributed listless, melancholy, petrified or simply unconscious of himself. Miserable, though, is this extreme form of scientific atheism, there is a softened form of it, however, which is compatible with a certain and a very high degree of morality. For there is in the scientific atheist, a strong belief at least; in the unchangeable, and the immutable nature of laws, or of the order of Nature. He is not superstitious. In the world of effects, at least he is a master. Miserable and disturbed as his life of the interior may be, his external life is, no doubt, a complete success. But far different is the case of one who, through superstitious ignorance, neither has any conception of the Intelligent Ruler of the universe, nor a definite conception of any law or order in the universe, but substitutes for the ennobling belief of a

monotheist or the *natural* dependence of an atheist, a mean, grovelling or debasing worship of elements like earth, or of objects like stones and trees, or even of bodies of men. Of such degrading and debasing forms of theism, the world is full. There is the homotheism (man worship) of the Christians, the loco-theism of the Mohammedans, the idolatry of the pagans the pantheism of the Vedantins, and the polytheism of the Hindus; all bigotry dogmatism sectarianism, intolerance and fanaticism of which the world's history is so full, is wholly attributable to, and is a standing evidence of, the miserably degenerated condition of the people at large. Incalculable are the evils that flow from the worship of things visible. Truly has it been said, "MISERABLE ARE THEY WHO WORSHIP ATOMS AS THE EFFICIENT CAUSE OF THE WORLD, BUT FAR MORE MISERABLE ARE THEY WHO WORSHIP THE VISIBLE THINGS MADE OF ATOMS.

Leading, as they do, to *widely differing results* scientific atheism and various forms of worship of things visible are capable of a use to which wisdom points them, when they are no more those disgusting things that they were. The mighty hand of wisdom extracts out of things visible that sense-education and useful application which is the primary basis or the granite-foundation of

all interior development. Man's life-term is thus converted into a pleasant, instructive, invigorating, power awakening journey that leads through the invisible portals of death to calm eternal. Not alone is the visible material of the universe thus converted into a rich, useful store for future, but the *invisible undecomposable atoms* also are, by the touch of wisdom's hand, seen to be the seat of the power of the Almighty Maker. Atoms are but the vehicle through which the Lord Divine sends forth everlasting energy and life into the visible. Thus "HE WHO REALISES BOTH, ENJOYS, AFTER DEATH WHICH IS THE CONSEQUENCE OF THE WORSHIP OF THINGS VISIBLE, IMMORTALITY, THE FRUIT OF THE REALIZATION OF THE DIVINE POWER DISPLAYED IN ATOMS."

Here let us pause, and take a survey of the great eminence to which we have ascended. There is God the supreme Ruler of the universe pervading in all, distributing justice for all, and assigning for each and all, their respective mission. Here is a man endowed with potent, active faculties, energetic capabilities, and all achieving powers, adequate to fulfil the mission to him assigned; And here is a glorious, beauteous, universe, so attractive, so useful, so beautiful, so harmonious that the heart rises in the *utter gratitude* to the Great Dispenser of all the gifts, "O THOU WHO GIVEST SUSTENANCE TO

THE WORLD, UNVEIL THAT FACE OF THE TRUE SUN WHICH IS NOW HIDDEN BY A VEIL OF GOLDEN LIGHT, SO THAT WE MAY SEE THE TRUTH AND KNOW OUR WHOLE DUTY.” O PRESERVER SAGE OF SAGES RULER ETERNAL LIGHT, AND LIFE OF THE CREATION ! GATHER UP THY RAYS, AND COLLECT THY LIGHT, SO THAT I MAY BE ABLE TO FEEL THY GLORIOUS PRESENCE FULL OF BEAUTITUDE. THIS ALONE IS MY EARNEST PRAYER. Wonderful is the immortal life Thou bestowest and wonderful the justice Thou dealest. Sublime is the process by which *the immortal spiritual body* (सूक्ष्म शरीर) is raised out of the gross physical one and supported. I or, even after death, Thou peoplest us in a world, the enjoyment of the which are the *fruits of the very seeds* that here with our deeds we have sown.

“O ALL-WISE BEING ! THOU ART THE SOURCE OF KNOWLEDGE, INSPIRE US WITH THY WISDOM, LEAD US TO RECTITUDE, AND DRIVE OFF OUR EVIL, TO THIS END, WE REPEATEDLY PRAISE THEE AND ADORE.

׃—׃

MANDUKYOPANISHAD.

ओमित्येतदक्षरमिदं सर्वं तस्योपर्ख्यानं भूतं भवद्भविष्यदिति
सर्वमोङ्कार एव । यच्चान्यत् त्रिकालतीतं तदप्योङ्कार एव ॥१

1. "OM" is the name of Eternal and Omnipresent Spirit. The *Vedas* and *Shastras*, and even the whole universe, when understood, declare the nature and attributes of the same Being. He, Om, encompasses the past, the present and the future, and is perfect. He encompasses even what the past, the present and the future do not comprise.

Notes—1. *Akshara* has been translated into 'eternal and omnipresent,' See *Mahabhashya*, *Patanjali's Commentary*, 2nd A'hnika, on the seventh *Shiva Sutra*. Says *Patanjali* :—

अक्षरं नक्षरं विद्यात् । न क्षीयते न क्षरतीति वाक्षरम् ।
अशोतर्वा सरोऽक्षरम् । अशोतर्वा पुनरयमौरादिकः सरन् प्रयतः ।
अश्नुत इत्क्षरम् ॥

—or, *akshara* is that which does not decay, decompose move or change; also, *akshara* (from the root *ash* and Unnadi suffix *saram*) means that which is all-pervading. Hence 'eternal and omnipresent.'

Svami Dayananda translates the passage thus in his *Introduction to Vedas*. (*Rigvedadi Bhashya Bhumika*). p. 44, lines 21—25.

ओमित्येतद्यस्य नामास्ति तदक्षरम् । यम्नक्षीयते कदा विष्णुच्चराचरं
जगदश्नुते व्याप्तोति तद् ब्रह्मैवास्तीति विज्ञेयम् । अस्यैव सर्वैर्वेदादि-
दिभिः शास्त्रैः सकलेन जगत् वोपगतं व्याख्यानं मुख्यतया कियते ॥

This is literally as we have interpreted.

Our rendering of *Bhutam*, *Bhavat* and *Bhavishyat* is that of substantives, meaning God encompassing the past,

सर्वं द्युं तदंब्रश्चायमात्मा ब्रह्म सोऽयमात्मा चतुर्षपात् ॥२॥

11. He is the Great God, perfect in all. He who pervades my soul is the Supernal Soul of Nature. The phases of His existence are four in number.

God encompassing the present and God encompassing the future, unlike the ordinary meaning of mere adjectives, meaning past, present and future, qualifying the word *Sarvam*. Also, We have translated *Sarvam* as perfect. For reasons, see Nirukta, Parishishta, 14th Chapter, 13th, and 14th Khandas, where *bhuta*, *bhavat*, *bhavishyat* and *sarvam* are given as names of God or Atma.

II.—*Atma*—“the Supernal Soul that pervades.”

मातिभ्या मनिन् मनिणौ । उणादि सूत्र ४।१५३॥

or *Atma* is derived from the root *at* and Unnadi suffix *manin*.

अतति व्याघोतीति वात्मा—*Atma* is that which pervades all. Also see Nirukta, III, 15.—

आत्माततेर्वाप्तं वर्वा पि वाऽत इव स्याद् यात्र व्याप्तिभूत इति ॥

Svami Dayananda translates the passage. “अयमात्माब्रह्म” (one of the well known *mahavakyas* of Neo-Vedantins) in Satyarth Prakash; 3rd Edition, p.195, line 26, thus—

“अथमात्मा ब्रह्म अर्थात् समाधि दशा में जब योगी को परमेश्वर प्रस्तुत होता है तब कहता है कि जो मेरे में व्यापक है वही ब्रह्म सर्व व्यापक है ॥

Pada—phase of existence (from the root *pad*, which, means *gati*).

जागर्तस्थानो ब्रह्मः प्रज्ञः सप्ताङ्ग एकोनविंशतिमुखः
स्थूलभुग्वैश्वानरः प्रथमः पादः ॥३॥

III. The first phase is the wakeful phase. In this phase, God is Manifest as diffused in external nature; causing incessant interaction among the *seven parts* that constitute the organization of the Universe; determining the disposition of the *nineteen* organs of thought and co-relation, *that* enable organisms to seek their enjoyments in gross palpable matter; and regulating, with precision and order, the physical motions of the Universe.

III.—*Saptanga*—seven parts of the organisation, [1] Head, [2] Eyes, [3] Ears [4] Organ of Speech, [5] Organ of Respiration, [6] Heart and [7] Feet. They are also sometimes slightly differently enumerated. Explanation to follow.

एकोनविंशतिमुखः—Nineteen internal organs of thought and co-relation They are the five organs of senses, i.e., of hearing, touching, tasting, smelling and seeing; 5 organs of motion, i.e; hands, feet, reproductive organs, organ of excretion and organ of speeeh; 5 *pranas* or vital nervaurie energies *i.e. pranas*, that in act of respiration, forces the air into the lungs; *apana* that produces motion from inside outwards; *samana* that circulates the blood from the heart throughout the system; *udana* that stimulates the glossopharyngeal nerves and moves the muscles near the throat to draw in food ond drink, and *vyanā* that produces motion in all parts of the body, [See SATYARTHA PRAKASHA. p. 242, lines 15-18]; *Manas*, or organ of will and desire; *Budhi*, or organ of thought; *Chitta*, or organ of memory; *Ahankara* or organ of individuality.

स्वप्नस्थानोऽन्तः प्रज्ञः सप्ताङ्ग एकोनविंशतिमुखः
प्रविविक्तभुक् तैजसो द्वितीयः पादः ॥४॥

IV. The second phase is the contemplative phase. In this phase, God is viewed as living in the interior design that fixes the relation of the seven parts to each other, or adapts the nineteen function of the co-relation to the purposes in view, thus interlinking the several ideas that constitute the design, and giving to the Universe an invisible but interior organisation.

Vaishvanra has been here translated into God 'manifest as diffused', or 'causing incessant interaction,' or 'determining the disposition of organs; or 'regulating the motions' of the Universe. Yaska thus says of *Vishvanra* वैश्वामरः कम्माद्विश्वानः नयतिविश्व एनं नरा नयन्तीति वापि वा विश्वानर एव स्यात्प्रत्यृतः सर्वाणि भूतानि ॥ Nir VII, 21,

Which means :—*Vaishvanra* is He who controls and directs all beings, towards whom all beings are led, or who is himself *Vaishvanara*, i.e., One residing in all things and moving them.

IV.—*स्वप्नस्थानः* has been translated into 'contemplative phase,' for, in dream, ordinarily called *sapna*, it is only the mind that is active, not discriminating between things and their thought. Hence, the only realities then present before the mind are its own thoughts. It is in this respect that *sapnasthana* has been translated into "contemplative phase."

Concerning the words *taijasa* and *prajna*, occurring in the next passage, Yaska remarks, Nirukta. XII.37—*प्राज्ञश्चात्मातैजसश्चैस्यात्मगतिमाच्छ्वे* The words *prajna* and *taijasa* signify two modes of existence of Atma.

वत्र सुप्तो न कञ्चन कामं कामयते न कञ्चन स्वप्नं पश्यति
तत्सुप्तम् सुप्तस्थान एकीभूतः प्रक्षानघन एवानन्दमयो
शानन्दभुक् चेतामुखः प्राङ्गस्तुतीयः पादः ॥५॥

V. When the human soul reposes in sound slumber, suspending all voluntary functions, neither willing, nor desiring, nor dreaming, he is said to be *sushupta* or in the slumbering condition. The third phase is the slumbering phase, where like the human soul that is folded within itself, God is viewed as Himself, an Embodiment of all ideas and principles, Himself all-delight, enjoying but delight, only manifest in His consciousness, and endowed with the highest wisdom.

एष सर्वेश्वर एष सर्वज्ञ एषोऽन्तर्याम्येष
योनिः सर्वस्य प्रभवात्ययौ हि भूतानाम् ॥६॥

VI. Such is the Ruler of all, the omniscient Principle, even the Controller of life interior, from whom has proceeded all, the Source and

The meaning of the word *sushupta* is very clear. It means sound sleep. The correspondence between the ordinary state, called sound sleep and what is here called slumbering condition, is the spontaneity and regularity of motion without the direct and wilful action of consciousness. Consider the state of a man in sound sleep. Although all volition is suspended, yet the involuntary function are performed most regularly. The powers of volition seem to have become materialized or metamorphosed; hence *Prajnana Ghana*, which literally means “intelligence solidified or embodied”; hence the translation *embodiment of ideas and principles*. (See PANINI’s ASHTADHYAYI, III. iii 77, *murtau ghanah*. The root *han* assumes from *ghana* when the meaning to be expressed is *murti*; or solidification or condensation.)

Resort of all beings.

नान्तःप्रक्षः न वहिःप्रक्षः नोभयतःप्रक्षः न प्रक्षानधनं न प्रक्षः
नाप्रक्षम् । अदृष्टमध्यवहार्यमग्राह्यमर्थस्तुणमचिनत्यमध्यपदे-
श्यमेकात्मप्रत्ययसारं प्रपञ्चोपशमं शांतं शिवमद्वैतं चतुर्थे
मन्यन्ते स आत्मा स विज्ञेयः ॥७॥

VII. View Him neither as designing interiorly, nor as diffused throughout external nature, nor in the transitional mood between both; neither embodiment of intelligence, nor fraught with volitional consciousness, nor devoid of consciousness ! but as the Invisible, Unimpressible, Incomprehensible, Indefinable, Unthinkable, Unknowable Being; only Conscious of Self in Self, *i.e.* the Absolute, and the unconditioned, with no trace of the relative or the conditioned world about Him, All-calm, All-bliss, One and only. This is the fourth or the essential mode of existence. This is the Atma, आत्मा the Universal Spirit. He should be known.

VII.—*Prapancha*, the relative or the conditioned world, *i.e.* the phenomenal world from the root पचि व्यक्ति करणे or पचि विस्तारवचने—*pachi*, to render sensible, or to develop in detail.

Ubbhayatahprajnam refers to the state midway between waking and dreaming. The world नोभयतःप्रक्षः or, as Shankara says, अन्तरालावस्थाप्रतिशेषः, is put to indicate that here we exclude also the state midway between both.

सोऽयमात्माध्यक्षरमोङ्कारेधिमात्रं पादा मात्रा मात्राश्च
पादा अकार उकारो मकार इति ॥८॥

VIII. Om is the most estimable name of the Eternal, Omnipresent, Universal Spirit, the modes of existence of this Spirit, being truly represented by *matras* or the single letters, A, U, M, (अ उ म्) of which the mono-syllable Om is made up.

जागरितस्थानो वैश्वानरोऽकारः प्रथमा मात्राप्तैरादिमत्वा-
द्वाप्नोति ह वै सर्वान् कामानादिश्च भवति य एवं वेद ॥९॥

IX. A (अ), the first *matra*, means the wakeful phase, or God diffused in external nature; for अ means that which is diffused throughout and is known in the first step. He who realizes this mode of Divine existence, becomes gratified to the full measure of his desire and has taken the first step.

स्वप्नस्थानस्तेजस उकारो द्वितीया मात्रोत्कर्षादुभयत्वाद्वा-
त्कर्षति ह वै ज्ञानसन्ततिं समानश्च भवति नास्याब्रह्म-
विकुले भवति य एवं वेद ॥१०॥

VIII.—The world *matra* has been here given as meaning something that represents or estimates, the value of another. See UNNADI KOSHA, IV. 168—हुयामभिसिभ्यस्त्रन्। or मात्रीति मात्रा मानं वा, *matra* is that which measures, estimates or gives the value of, hence 'represents.'

IX.—Here the *matra* A is shown as derivable from the root *ap* (aplri vyaptau) to prevail, or as an abbreviat form of *adi* which literally means the very first step, hence the one who has taken the very first step, or only a zealous beginner.

X. U (उ) the second *matra*, means the contemplative phase, or God living in interior design; for उ means that which designs, or does both *i.e.* designs and executes. He, who realizes this mode of Divine existence, attracts wisdom towards himself and becomes harmonized. Never is in his family born an individual who can ignore the knowledge of the Divinity.

सुषुप्तस्थानः प्राज्ञो मकारस्तृतीय मात्रा भितेरपीतेवा
मिनोति ह वा इदं शुभं सर्वमपीतिश्च भवति य एवं वेद ॥ ११ ॥

XI. M (म) the third *matra*, means the slumbering phase, or God viewed in Himself for म means that which measures all, or is the resort of all. He, who realizes this mode of Divine existence, measures out the whole knowledge of the Universe and retires unto Him.

अमात्रश्चतुर्थोऽव्यवहार्यः प्रपञ्चोपशमः शिवोऽद्वैतएवमो-
द्धार आत्मैव संविशत्यात्मनात्मानं य एवं वेद य एवं वेद ॥ १२ ॥

XII. The fourth is no *matra*, for, it represents the unknowable, the Absolute, and the Unconditioned, without a trace of relative or the conditioned word about Him. He, who realizes this, the true *Atma Omkara* passes from self into the Ruler of self, the Universal Spirit, *i.e.* obtains *moksha*, or salvation.

X—Here U is shown to be derivable from *utkarsha* or *ubhaya*; the former from *krisha*, to draw out an outline or mark, hence to design, and the latter meaning both.

XI—“That which measures all” means that viewed in comparison with whose infinite power, the structure of the Universe is finite and measurable.”

EXPOSITION

WORSHIP is the first act of pure religion. It is a spontaneous declaration of the inmost affections, as distinguished from the false worship of the churches, where every action is pre-determined instead of being spontaneous, where we have declamation instead of declaration, and pretended show of assumed seriousness instead of free play of inmost affections. Such is not true worship. True worship, on the other hand, is brimful of genuine feeling, profound attraction, and soul-absorbing meditation. True worship, as an outcome of pure religion, is deeply ingrained in human nature.

Folded, within the depths of the human soul lies the germ of all religion. Every human being is endowed with a spiritual nature, a nature that lifts him towards all that is pure and holy, superior and attractive. Not only do the holiness of life, purity of motives, sublimity of thought, and nobility of character inspire us with the appropriate feelings of respect, regard, admiration or reverence, but our aspirations rise high towards the just, the true the infinite and the divine. It is *this* part of our spiritual nature that is the foundation of all religion, endows us with the sentiment of reverence for all that leads to high and noble aspirations, and with the

sentiment of humble gratitude for all that has contributed to our edification and elevation.

Like all other affections of the human mind, the religious affections are also capable of being *misused* or of being *perverted* in their use. The religious sentiment, under the effect of excessive stimulation, may exaggerate or portray in brighter colours a simple truth, may over-estimate or unduly estimate the sanctity of an action, and, where the sovereign faculty of Reason is yet undeveloped, or but very weak, this over-estimation may develop into idolatry or superstitious reverence; or, on the other hand, where, through want of clear perception, or through want of interpenetration, the reasoning faculties are very active, but discerning faculties comparatively torpid, the consequence may be a sceptical, atheistic, or disrespectful temperament. But the elevation felt or pure liberty enjoyed will be exactly in proportion to the *normal* exercise of the faculty. Man, in his ignorance, often worships a false deity. Instead of the God of *Nature*, he worships a god of his imagination, a god of fashion, a god of popular sanction, or a god of his own feelings and ungratified desires. And what is the consequence ? A life of superstition, unrighteousness, cruelty and injustice. A true mode of worship is, therefore, highly desirable : a mode of worship, not dictated by false religious education, or fashionable popular

custom, but by the higher interests of spiritual nature and by the deepest penetration of Reason. This system of worship, it is the subject of *Mandukyopanishad* to furnish.

It enjoys the worship of the Supreme Deity alone, the Eternal Omnipresent Being, the Supernal Soul of Nature. For, what but a true conception, knowledge and realisation of the Universal Spirit, can be consistent with that overflowing, exultant, blissful attitude of the mind, otherwise designated as worship. The worship of the Eternal Being is the only worship that is inculcated in the *Up·nishads*; and this Eternal Being is everywhere named Omkara.

In *Kathopanishad*, II. 15 we read :—

सर्वे वेदा यत्पदमामनन्ति तपाश्चसि सर्वाणि च यद्वदन्ति ।
यदिच्छन्तो ब्रह्मचर्यच्छरन्तितत्ते पदं संप्रहेण ब्रवीस्योमित्येतत् ।

Om is the adorable Being, to the study of whom all life of *brahmacharya* is consecrated, or all practice of meditation devoted, and whose realization it is the object of the four Vedas to accomplish. Or, in the words of *Chhandogya Upnishad* ओमित्येतदक्षरमुद्गीथमुपासीत्—“Om is Eternal Omnipresent Being; He alone should be worshipped.” Or, more explicitly still, in *Mundakopánishad*, II. ii.5-6:—

यस्मिन् शौः पृथिवी चान्तरिक्षमोत्तमनः सह प्राणैश्च सर्वैः ।
तमेवैकं जानथ आत्मानमन्या वाचो विमुक्त्वा अमृतस्यैष सेतुः ॥५
अरा इव रथनाभौ चार्हता यत्र नाढ्यः ।
स दशोऽन्तर्वरते बहुधा जायमानः ।

ओमित्येव ध्यायथ आत्मानं स्वर्गस्त
वः पराय तमसः परस्तात् ॥ ६ ॥

He who *interiorly* and invisibly sustains the sun, the earth and the intervening space in their respective positions; even he, who sustains the life, the brain, the lungs and all the various senses, is the Unitary Interpervading Spirit. Try, O men ! to *know* *Him* alone, and leave all other talk; for, He is the only *principle* that leads to immortality, (5) Just *in* the heart, where all the blood-vessels meet, very much like the spoke of wheel meeting *in* the *navel* or the centre, resides the *interiorly-governing* Divine Spirit, manifesting His glory in ways multifarious. *Contemplate* *Him*, the Om, this *interiorly-governing* Spirit, for, thus alone can you reach, with safety, the blissful heaven far beyond the ignorance-begotten miseries of this troubled ocean of life. (6).

What, then, constitutes the contemplation of Om ? What is the process to worship Him ? An answer to this question is furnished in *Yoga Darshana*. 1.i.27-28 :—

तस्य वाचकः प्रणवः । तज्जपस्तदर्थभावनम् ॥ “Om is the inestimable name of the Supreme Being who is the Ruler of the Universe. To recite this, His name, and to constantly recall to our mind its profound signification, this is the two fold process of meditation, called *upasna*” Vyasa, in his *commentary* on the two *Sutras*, remarks:—

"Om indicates the Ruler of the Universe. Is it by mere arbitrary convention, or by some natural process, just as light indicates the lamp or the source of light ? Surely, the relation between the symbol Om and that of which it is a symbol, is not conventional but actual, and the symbol but expresses the actual relation. To take a parallel example, the relation between the father and the son is real, The relation *really* exists, even before we can express it in such terms as these, 'He is father, and he is son.' Even in the cycles of creation to come, since words signify things not arbitrarily but by a fixed natural standard, the same symbol, Om, is made to express the same idea, because it is an established fact, with those who know Revelation, or those *yogis* who have realized what the relation between the signifying symbol and the thing signified is, that the words, their corresponding ideas, and the relation between them is eternal, or exists in nature, and not by human convention."*

*Perhaps this truth will be more easily brought home to the sceptical reader of the nineteenth century if it were expressed in the words (to us, less acceptable, for, more indefinite), of Max Muller, who says, "They (the roots) are *phonetic types*, produced by a power inherent in human nature. They exist, as Plato would say, by nature; though with Plato we should add that when we say by nature, we mean by the hand of God."—*Lectures on the Science of Language, 4th edition, London, Page 402.*

“The recitation of Om, and the constant presentation before the mind of its signification, these are the two means of His *upasna* or worship. The *yogi*, who constantly does both, develops concentration, or, as has been elsewhere remarked, the aforesaid recitation and realization develop concentration, and concentration facilitates realization, till, by the continual action and re-action of both, the light of the Supreme Divinity begins to fully shine in the heart of the *yogi*.” *Vyasa Bhashya*, Sutras 27 and 28.

The relation of *Om* and the constant presentation of its signification to the mind, being the two essentials of Divine worship, it is of the greatest importance to know what the significance of the Unitary Syllable *Om* is, for, the recitation is only preparatory to the presentation, We have only said that *Om* is the Eternal Omnipresent Spirit, This is by the way of indication. But we have not as yet any definite knowledge of the detailed significance of this syllable. It is, however, a very palpable fact that no word is so sacred in Vedic literature as *Om*. It is regarded as the essence of the *Vedas*, as the highest, the sublimest and the dearest name of the Supreme Deity, and is especially appropriated in *Upasna*. No Vedic *Mantra* is ever read without a previous recitation of the syllable, *Om*. It is not only because *Om* is the

most soft, melodious and smoothly-flowing syllable in sound, or merely because the letters composing Om spontaneously and without education of any sort, escape the lips of the babe who is just beginning his vocal exercises, but because there is something deeper, dearer and diviner in its significance. It is true that, whereas other names of God are also names of things temporal, (for instance the Sanskrit *ishwra* is also the name of the governor; even the *Brahma* is also the name of universal ether and of the Vedas; *agni* is, besides the name of fire, and so on), Om is only the name of the Eternal, Omni-present, Universal Spirit. That can only be a reason in behalf of its precision and definiteness of meaning, but hardly a reason for the extremely superlative importance that is attached to it. It is also true that Om is more comprehensive in meaning than any other term signifying God in Sanskrit, or, in other words, that it connotes a number of attributes that no other word or syllable singly does, but even that is of secondary importance. The deepest and in truth, the highest reason is that the signification of Om is the *key-note* of the realization of the Divine Spirit. The several letters of Om, with unparalleled exactness, marks the successive steps of of meditation by which one rises to the realization of the nature of Divinity.

The process of this realization is exactly the reverse of the process by which the mind acts on the external universe. If the latter be called evolution, *i.e.* folding out of the internal faculties of the mind, till they become externally manifest, the former should be called involution, *i.e.* folding mind within itself, till the faculties that were working on the outer plane retire from outside and turn inside for more interior work. To make a familiar illustration, when an archer shoots a mark, he directs his attention from within outwards with his pointing towards the mark in the same straight line with the arrow. He stretches the bow and lets the arrow fly. This is how mind acts on things external. To pass within, to contemplate Divinity, he withdraws his senses from their outward course, and, when the outer activity of the mind is stopped, he passes, by gradual steps of reflection, embodied in the constituent letters of the syllable Om, to the more interior and, therefore, more perfect realization of the Divine Spirit.

Before we begin our exposition of the several letters composing Om, it will be useful to present a rough outline of the four planes of manifestation of mind's activity. The Divine Being is a spirit, and to realize this spirit we have to pass through its outer manifestations to the more and more interior ones, till the final cause, the spirit is reached. Perhaps, our

understanding will be much facilitated by taking the analogous case of the working of the human spirit, although it must be remembered that an analogy is, at the best, an analogy, and not an exact coincidence.

Let us begin with the case of a watch-maker. He has made the watch, and the principles embodied in the watch are doing their actual work. The spring, the balance, the wheels and other pieces of the machinery, all perform their respective appropriate functions, and the minute and hour hands regularly move on the dial. In fact the skill, dexterity, and designing capacity of the watch-maker are not only embodied in, and stamped on, the watch, but the material forces and the mechanical principles, that the watch-maker had at his disposal, are actually living in the watch and manifesting themselves by the precision and regularity of motion of appropriate parts. This is the first, the most external and the most palpable manifestation of the watch-maker's skill. Thus the spirit outwardly stamps matter with its impress. This is what has been designated in the translation portion, "the WAKEFUL PHASE" or the externally manifest mode of spirit's existence.

But *secondly*, the first watch-maker in the world, before he sat up to manufacture a watch, must have made a *ideal watch*, *i.e.* must have *designed* the watch. He must have previously

known the principle or the fact of elasticity, its isochronism, the principle of transmission of motion by wheels and pinions, the principle of escapement, the frictional, elastic and other properties of steel, brass, iron, jewels, &c., and must have patiently and slowly elaborated in his mind a scheme of the application of all these principles, till a definite purpose could be served by them. He must have thought out the *pros* and *cons* of one arrangement and the other, and chosen one in preference to the other, till he finally settled upon a mentally perfect scheme of the watch. He must have momentarily seen his ideal watch, thus slowly moving, thus ultimately stopping and requiring a winding for possibility of further movement. In short, the watch-maker must have drawn from the promiscuous store-house of his knowledge the necessary items of information, applied them properly, and for a time, *lived in the self-made design*, before he was actually able to undertake the manufacture of a watch. This is what has been called “the CONTEMPLATIVE PHASE,” or the designing mode of spirit’s existence.

And yet, this is not all. There was a time, when no thought, not a trace of this design existed in watchmakers mind. His mind was a store-house filled with promiscuous information not yet arranged or applied, and the principles embodied in the watch were not all

he knew. Perhaps he knew much more about astronomy, physics, psychology, mathematics and æsthetics, perhaps, about chemistry, medicine and ætiology. A merely fragmental part of his knowledge was brought to light and applied. Compared with the knowledge that was actually rendered *useful*, his whole information was encyclopedic. And yet, was he, all the while, conscious of the vast amount of massive information that he always carried about himself ? Surely not ! In moments of bright recollection, or in moments of practical necessity, only fractional portions of his accumulated experiences were illuminated and called forth in conscious array before his mind ; but the vast majority of his cognitions still *slumbered* as latent ideas, like congealed, solidified, incrusted bits, in the dead, calm, silent chambers of his brain or sensorium. Revocable at pleasure, they were the *invisible* guests of his mind, living for the most part in the back-ground, shaded from immediate recognition by the exquisite, dark veils of oblivion hanging over the chambers of memory. This condition has been denominated the "SLUMBERING PHASE," or the inactive mode of spirit's existence.

Beyond the *wakeful* phase, or the active manifestations of the mind as embodied in material things and phenomena, like phantas-magoria, projected from within the magic lan-

tern outward on the specular screen; *beyond* the *contemplative* phase, or the energetic display of mental activities. now reconnoitering one group of ideas, then another, now selecting, then arranging, till; as in a dream, woven into a texture, stands before the mind the glowing picture of a marvellous painting, heretofore uncoceived ; *beyond* the *slumbering* phase, or the inactive repose of mental faculties, replete with tactal or sensual mentalities, impelled to remain by the omnipresent law of re-action, at an imperative rest, *beyond* these, removed far, far away from these phenomenal activities and passive modifications, resides the *true reality*, the *substunce* **Spirit**, the watch-maker *in essence*. This has been styled the ‘essential mode,’ of spirit’s existence.

Let us, clearly conceive these four modes of spirit’s existence, the Wakeful, the Contemplative, the Slumbering and the Essential. Man, in his life, repeats these modes of his spirit-existence every day. When it is broad daylight, and the human mind is fully awake, the eye perceiving colours, the ear hearing sounds, the nose smelling vapors, the tongue tasting fluids, and the body feeling solids, he lives a life in material objects. This is the *Wukeful* state. When the folds of darkness overtake the day, and ‘the ploughman homeward plods his weary way’ when perhaps, the ignorant labourer tries to

forget the severity of his toil in a cup of wine—the active world retires, and so does our model man, Straight he stretches himself upon his bed. The eyelids close as with a superincumbent weight, and gradually the other senses give way, and our model-man has fallen into sleep. Perhaps he is dreaming. Suppose he is a student. The solid walls of his seminary have really dissolved from his view, for he is not walking. Without books, class-fellows, or companions, he is lying on his bed, solitary and alone. And yet he dreams. The examination-hall with its flocking candidates is painted before him, himself seated amidst them. The papers are distributed so to-day, so to-morrow, and so the day after (all in the dream). Home he returns in anxious wait for the result, and lo ! a paragraph in a gazette, or a telegram from a friend, brings him the cheering news, or, perchance, the news of his failure. Wonderful are the mysteries of dreaming. This corresponds to the *contemplative phase*. Soon after the dream, or without a dream, he falls into a sound slumber. Where is that living voice, and that active brain ? Where are those dreamy paintings? Have they vanished, melted into *nothing* or been annihilated? Stored in the organisation, though invisible, lie the possibilities of their manifestations still, though now congealed and materialized, so to speak. This is the *Slumbering state*. How speedily flows the current of life. Day after day of wakeful activity passes away, Night after night of disturbed or sound slumber is counted. And yet, amid these changing scenes, these varying manifestations, man pre-

serves a sort of independence, his *personal* identity, because he is the *Essential existence*, to whom the afoersaid states are either accidents or non-involing influences.

Doubt not, gentle reader, but that the spirit exists in these four moods. The wakeful mood is the most exterior, the contemplative the more interior, the slumbering the more interior still, till will reach the innermost reality, the essential spirit. And so God's spirit which is diviner, holier, infinite far, *essentially exists, as an embodiment of principles, desings and imparts life and vitality to all external nature*. And the first glimpse of Divinity that is caught by the dry scientific mind is of the most external kind, in fact, derived from the adaptation of physical precision, uniformity, and such other traits that the universe exhibits to a mind well-versed in the study of effects. After the mind has familiarized itself with this, there dawns a philosophical perception of the interior design of nature, with which perceptions the mind soars higher, till the design itself is found to be the outcome of constitutional and spontaneous tendency of the Deity, called principles. Contemplating from the platform of these principles, the mind rises to the Fountain of all principles, the Essential Divinity, embodying all in *One*.

These being the successive steps through which the mind rises to the contemplation of the Eternal, Omnipresent Being, the syllable Om, which consists of the letters A, U & M, or अ, उ and म्, is made the means of this contemplation; for अ presents the wakeful phase, उ, the contemplative, and म्, the slumbering phase, not merely mnemonically but by virtue of their inherent meaning. Hence the true devotee in the recitation of Om, thinks of the three letters composing Om, dwells on the meaning and signification of each letter which represents one corresponding phase, and thus lives alternately in the order and regularity displayed in nature, in the design moving nature, and in the principles spontaneously and naturally elaborating design. Since the very lowest phase, thus contemplated, involves but the highest generalization of the order of the universe, its contemplation is pre-eminently calculated to develop concentration, facilitates contemplation, so that ultimately, by the continued action and reaction of both, the light of the Supreme Divinity begins to fully shine in the heart of the *yogi*. Hence the words of Vyasa :—

स्वाध्यायाद्योगमासीत् योगात्स्वाध्यायमामन्त् ।

स्वाध्याययोगसंपर्या परमात्मा प्रकाशते ॥

We come now to the explanation of the three letters अ, उ & म्.

In contemplating deep signification of ~~the~~ the *yogi* holds before his mind the vast expanse of the universe, with its mighty orbs rolling in their magnificent splendour undisturbed through vacuous paths, carving ethereal waves of unseen exquisite beauty in the ocean of infinity, and contemplates upon the grand meaning of the universe, for, in the words of the Upnishad, the mighty volume of nature is spread as a commentary on the nature and attributes of the Eternal Omnipresent Being. The universe appears to his illuminated vision as a vast organisation of definite parts. And such is the uniformity of plan in this organisation, that even the more distant orbs—whose light, emitted millions of years ago, carried out the speedy wings of ether at the unearthly rate of 180,000 miles per second, has not yet been able to penetrate the atmosphere of our earth - yea, even orbs more distant are organized internally on the same plane on which the solar system, of which our earth is a part, is constructed. To contemplate the wise and intelligent structure of the universe, a structure even as perfect as that of the most highly developed being on earth, man, a structure as well endowed with a brain, stomach, the feet and the various other parts justly composing the wondrous organism of the microcosm, let us turn our attention to the following sublime *mantras* of Atharva Veda

(X-7, 32—34) on the constitution of the universe as typically represented by our solar system :—

यस्य भूमिः प्रमान्तरिक्षमुतोदरम् । दिवं यश्चक्रे मूर्द्धान्तं तस्मै ज्येष्ठाय ब्रह्मणे नमः ॥३२॥ यस्य सूर्यश्चक्षश्चन्द्रमाश्च पुनर्णवः । अर्गिन यश्चक्र आस्यं १ तस्मै ज्येष्ठाय ब्रह्मणे नमः ॥३३॥ यस्य वातः प्राणापानो चक्षुरंगिरसोऽभवन् । दिशो यश्चक्रे प्रक्षानीतस्मै ज्येष्ठाय ब्रह्मणे नमः ॥३४॥

‘We approach (in our contemplations), with highest reverence, the Great Adorable Being, who has made this frame of the universe as a living demonstration of His existence, as a highly fitting lesson on his nature and attributes, and who has placed in this wondrous organisation (1) the sun with its luminous atmosphere as the brain, (2) the super-terrestrial space intervening between the sun and the earth as the stomach, and (3) the earth (typical of all planets) as the lower body, feet. We adore the Great Being in whose creation (4) the sun and the moon are the two eyes, and (5) heat, the mouth. We adore the Great Being who has made (6) the atmosphere as the lungs, and (7) the directions of the space as the organs of hearing. Let us adore Him, the Infinite Being, the source of all wisdom.’

Here is displayed to the mind of the devotee the scheme of the perfect organisation. For, is not the sun, with its atmosphere, the brain of this system ? The brain in the human body, technically called the *cerebrum* and the *cerebellum*,

is an organisation of sublimated elements, a battery of vital powers, the seat of nervous energy, the controller of all motions and functions of the body. And the sun too, like the brain, is a reservoir of sublimated elements, an infinitely powerful battery of magnetic, electric optic, actinic, caloric and dynamic forces, the seat of combustible, vegetative energy, and of what has been called in geology by the technical name of the sub-aerial denudation; the controller of all planetary and cometary motion. And the superterrestrial space teeming with the atmosphere is truly the stomach, the organ of digestion, refining and elaborating the materials consigned to it. It is in the atmosphere that clouds are formed, vapours attenuated, stream of electricity generated, surface particles of earthly salt and metals volatilized, and the product of all these processes diffused and mixed up, till all is reduced to a homogeneous fluidity, carried above the lower strata of the atmosphere, there condensed and then poured out as pure precious, plant-feeding rainfall very like the stomach that, after refining, sublimating and attenuating the food it receives, extracts from its juicy contents, the elements of the crimson vital liquid, and pours it forth, like rainfall, into the heart. Before, however, the materials pass into the stomach, they have to pass through the mouth that by the aid of its maxillary organism divides and

and re-divides the solid food, till it is powdered down and mixed with saliva and thus converted into fluid material. In the same way, before the earthly materials are consigned to the stomach, the atmospheric space, they pass through the mouth, the Heat, For, what is the channel that transmits the earthly materials to upper regions ? What is it that powders, atomizes, and reduces to vaporous subtilty the hard solid materials of earth, or what is it, that dissolves these materials in the saliva of nature, water ? It is Heat that does all the work. Impelled by the restless, verifying, vibratory oscillations of Heat, solids are dashed into liquids and liquids into gases.

It is by Heat that gaseous particles, thus endowed with rarity, are borne on the wings of warmth to upper regions of comparative cold. It is Heat that licks out of the liquid lake the watery elements of the atmosphere. Heat is the mediator between the earthly materials and the atmosphere, just as mouth is the mediator between the food and the stomach. And the foot is the lowest part of the organisation, symbol of obedience to the throned monarch, the brain. It obeys the motor impulse communicated to it from the brain through the nerves. So does the earth obey the influence of the sun communicated to it through the etherial channels of space. The eyes in the human organism are

constructed to enable man to perceive colours and develop state. Similarly, the light beams of the sun, *angirasa* (अङ्गिरस) of the *mantra*, develop the spectral universe, thus standing in the same relation to the universe as eye stands to the human body. The human lungs are fitted not only to act as the bellows, drawing in and expelling air, or to oxygenate blood, but to draw in invisible element that directly strengthen the brain. So the atmosphere is fitted not only to attract particles of vaporous matter or repel the suspended earthly particles, but to draw out from the earth, especially at the two poles, as if at the ventricles, streams of positive and negative electricity that leave earth for ever and for good.

The analogy, †therefore, is complete in every

†To impress the reader with this part, we will present only the analogy of slightly differing pictures of the same from different parts of Vedic literature, so that he may be able to form a somewhat general and comprehensive conception of the organization of Nature, and not to take the analogy too literally. We quote Yajur Veda, XXXI. 13 :—

नाभ्या आसीदन्तरिक्षं शीघ्रो द्यौः समवर्त्तत ।

पद्म्यां भूमिदिशः श्रोत्राद्या लोकां अकल्पयन् ॥ २ ॥

“God has placed the super-terrestrial space in the place of the stomach, the sun in the place of the head, the earth in the place of the feet, and the open space in the place of the ear cavity.” In Mundaka, I. 1. 4, we read—

reasonable aspect. The whole universe, to the contemplation of a devotee, presents a brain, a mouth, a stomach, the eyes, the ears, the lungs and the feet. And it is thus the human body is organized. Realizing the perfect adaptation of the mouth to the stomach, of the stomach to the lungs, of the lungs to the brain, and of the brain to the whole body, and also realizing correspondingly the mutual adaptation of the parts of the universe, can he for one moment forsake the Omnipresent Eternal Spirit so glorious in His manifestations ? For, even in the human body; let us inquire, are the brain, the lungs, the stomach, and the other parts in vain, merely to carry out the material physical or physiological functions all unconsciously, like pieces of dead matter ? Is this beautiful adaptation of parts merely the result of chance, or of mere 'fortuitous concourse of atoms' ? Have the blind forces of matter met unconsulted, and, after unexpected, unknown and unpredictable

अग्निमूर्द्धा तत्त्वुषी चन्द्रसूर्योऽदिशः श्रोत्रे वाग्ववृत्ताश्ववेदाः ।

वायुः प्राणो हृदयं विश्वमस्य पदम्भयां

पृथिवी ह्येष सर्वभूतान्तरात्मा ॥

"The Eternal Spirit that resides in the interior of all things, has disposed the fire instead of the brain, the sun and the moon in lieu of the two eyes, the open directions of speech in lieu of ear cavities, the Vedas as His organs of space, the atmosphere as His lungs, the whole universe, as His heart, and the planets as his feet. It is thus that He lives."

clashes, embraced each other and linked themselves in the apparently beautiful organisation of man ? No, this adaptation of functions is not in vain. The edifice, constructed of the brain, the lungs, the stomach, the feet, the eyes, the ears, and the mouth, is but the building of a theatre. The adaptation of its rooms is the design of an architect. Surely, the architect made it for some one to act in. Who are then, the actors on this arena of the human organisation ? The actors, no doubt, there are, but they could not manifest their skill and activity without a proper and well-managed stage. These actors are the five organs of sense, *i.e.*, of hearing, of touching, of seeing, of tasting and of smell; the five organs of motion, *i.e.*, the hands, the feet, the throat, the generative and the excretive organs; the five vital nerve forces, *i.e.*, of inspiration, of expiration, of blood-circulation, of glossopharyngeal action, and of muscular contraction, in general; *manas*, or the internal organ that originates the impulse to communicate with the external world, and displays the power of imagination; *buddhi*, the faculty of decision; *chitta*, the faculty of memory; and *ahamkara*, the organ of personality. These are the nineteen invisible actors in the drama of life. The human spirit, through the physical temple, manifests his powers of life, sensation, locomotion,

tion, memory, perception, imagination, decision and individuality. For, how can life be manifested, unless the various parts of the body be mutually adapted, the one supplying the demand of the other, and the mechanical, chemical and electrical forces, generated by their mutual action and friction, be equilibrated ? It is thus necessary for the body to possess an organisation, before it can evolve mechanical, chemical and electrical forces in equilibrium with each other; and further, it is necessary for these forces to be well organised, before life can manifest itself. And it is only when life has thus vitalized the body, rendered it elastic, impressible and vibrous, that it can manifest any tendency towards sensation or locomotion. Not before the principle of sensation is fully established, can perception and imagination dawn; and it is only after perception has provided with requisite mental apprehensions that the faculties of comparision and discrimination can come into play, and weave the mental impression into generalized, symbolic ideas. It is these ideas that memory takes in, and so carefully stores. And lastly, it is on the faithful retentivity of memory that the mystery of personal identity hinges, for, what is personal identity but each human spirit feels himself as separate from all others on the ground of the entirely *distinct* experiences he has had. It is thus evident that the

physical temple is but a grand stage well-prepared for the purpose, on which the master-dramatist, the human spirit, sends his vice-gerents each in his turn, one after the other, to act and prepare the stage for the ensuing. On the stage, of the physical temple, appears the first vice-gerent, Life, acts his scene and prepares the ground for the next vice-gerent, Sensation. He, in his turn, plays his own part, and fits the scene for the advent of Perception, Comparison and Memory in turn, till the Human Spirit himself, in the last, appears on the fully-prepared stage to manifest the potencies of his *personal individuality*. Not without purpose, then, is this beautiful adaption.

As with the human spirit, so it is with the Divine Being. Why this wonderful disposition of the sun, the moon, the planets, the atmosphere and the elements in the actual positions they hold in Nature, but that the Divine Spirit required the organisation of physical elements into perfectly vitalized body of Universe, like unto man, to manifest His eternal elements of Universal life, sensation and intelligence, and to give his impersonal personality an expression on the outer plane. Hence it is that the *yogi* starts with the letter A of the syllable Om; repeats in his mind its deep signification; pictures to himself the seven-organized fabric of the grand universe; settles himself upon its functional and anatomical organisation; contemplates its

necessity, its purpose, its usefulness, and its reality; is deeply impressed with the existence of the more interior end and spiritual principles (the nineteen principles enumerated above), impatiently pressing for manifestation; and thence contemplates the all-regulating, All-pervading Spirit, *Vaishvanara*, which is exactly the sense of the letter A out of the three letters composing Om.

And now to the second phase of contemplation. Out of order, comes out order; out of chaos, chaos. Organised forces acting upon matter will produce organised structures; a chaos of forces can only result in chaos. Mathematical science is full of proofs of this proposition. Take, for instance, the orderly, uniform, and regular motion of a body in a circle. Mathematicians tell us that this motion is the result of two forces, *centrifugal* and *centripetal*. If the velocity of the moving body v and the radius of the circle in which it moves r , the centripetal force will be $\frac{v^2}{r}$. Thus mathematicians tell us that when a body is moving in a circle its centrifugal and centripetal forces are balanced by each other and bear a definite relation to the velocity of the body and the radius of the path. This definite relation (or, which is the same thing, organisation of the two forces) alone can produce circular motion. Let there be another definite relation, and the motion,

will be elliptical. Thus it is clear that it is the internal organisation that gives form and order to the outer manifestation. Or, to give further illustrations, it is the *internal motion* of particles that determines the *solid*. It is the *internal volubility* of the particles that produces the visible *liquid*. It is also internal *extreme mobility* of particles, producing what is called the excursion of the molecules along free paths that produces the *gaseous* condition. Or, to take more familiar examples still, it is the *invisible internal* organisation in the seeds that gives each of them the power to reproduce exactly its own kind and no other; and finally the human spermatozoa, endowed as they are with *internal* though invisible organization, because of being formed by extracting, through the activity of the vital essence, particles from all parts, organs. and faculties of the living body (अङ्गादंगात्सम्भवसि) are, only by virtue of this interior organisation capable of reproducing exactly the human organism. Thus it is clear that it is always the internal organisation of producing causes that develops form, order organisation or adaptation in the exterior. Must not, then, the All-regulating, All-pervading Divine Spirit, *Vaishvanara*, that builds up this grand and highly perfect edifice of His physical temple, the Universe, be also himself *organised*? Surely the plastic, formative, associative, dissociative

tive, principles of the Divine Power, must themselves flow into *definite tendencies*, and be filled with a law of *co-operative sympathy*, causing periodicity in their activity, just to give birth to such precision, regularity and periodicity, as the sun, moon and stars, together with the earth and planet, display in the succession of days and nights, of seasons and tides, of light and darkness, of raising and setting, of eclipse and occultations, of perihelion and aphelion, of forward and retrograde motions, and of the alternating phases of the satellites. And yet that is not all. There are millions, nay billions, of organisms of each species—and the number, of species, both in the animal and vegetable kingdoms, is innumerable—each not only growing, living and reproducing its own kind, but also manifesting feeling, sensation, perception, judgment, memory and intelligence, according to the degree of its refinement. Whence the display of wonderful powers and activities ? Surely the Divine element of life, sensation, and intelligence must have likewise flowed into mutual harmony, fused into unity, and inter-blended into an interior organisation whereby to develop such well-endowed and adapted organisms of living beings. Before the materials of the Universe were disposed into the seven parts of which the fabric of the Universe is made up, interiorly organised Being, *Taijusa*, brooded over the

design of creation ; and, before the elements of motion were appropriated by life, those of life by sensation, and those pf sensation by intelligency, thus endowing organisms with various faculties, the same Divine Being, *Taijasa*, lived in the yet-contemplated design of living creatures. To ontemplate God in His everlastiong designs, in the interior consitution of the Universe, is to contempmate Him in the 2nd phase, *i. e.*, the *Contemplative* phase, or, which is more literally the Dreaming phase.' For, as in a dream, when man but partially retires from the conscious work and action of the cerebrum, a so-called physical sleep comes on. The activity of the senses, whereby the internal spirit might have acted upon outer matter, is suspended, yet the mind is not at rest. Playful amidst the many chambers of its cerebral mansion, it collects the materlal of its recollected sensations and ideas, and, of the time, not discriminating between these ideas and the object of which they are the ideas, weaves them into a texture, and, whilst dreaming, enjoys the scene just as really as though the texture had been made up of the actual objective material. So is it with the '*Contemplative* phase'. For, although we do not view God as acting upon universe matter and disposing it of in various shapes, yet we view Him, as in a dream, associating particles of matter,

disposing them in their respective places, till an entirely complete design is interiorly contemplated. As if retired from the physical Universe, God is viewed as contemplating the design of creation.

From this view of the Divinity, which is exactly the sense of the 2nd letter U, composing Om, the *yogi* passes to the contemplation of the 3rd letter M, corresponding to the third phase, the 'slumbering phase.' We have mentioned that in the state of dreaming the mind is but partially retired from the conscious work and action of the cerebrum. When however, sound sleep overtakes the dreamer, the mind wholly retires from the cerebrum, only maintaining the life of the physical frame, restoring the vitality and strength of the body by its recuperative and constructive processes, which take place all of them, so to speak, involuntarily. So let us contemplate the Divine Spirit. Let us consider what determine the flow of the Divine elements of life, sensation and intelligence into mutual harmony. What made the elements of God's intelligence arrange and dispose themselves into a perfect design of the Universe ? The human mind is moved to a conception of new thoughts, or to planning of new designs, either under the influence of education, or under the stimulation of some keenly-felt necessity, or in a few cases, also through retrospective precaution. But the Divine mind is

not subject to such laws of *education, necessity precaution*, as frail human beings are controlled by. The laws of Divinity is His own constitution. Unimpressed by any external motive unurged by any want-born necessity, the elements of God's will flowed into a organisation or design, only impelled by inherent Omniscience and constitutional spontaneity. Or, in the words of the Upnishad : -

न तस्य कार्यं करणं च प्रियते न तत्समो नाभ्यधिकश्चहश्यते ।
परात्य शक्तिविविधैव श्रूयते स्वाभाविकी ज्ञानबलक्रिया च ॥

“The Great Eternal Spirit undergoes no modification, requires no instruments to work with, has no equal, nor any superior. He is the Supremely Powerful Being, *endowed with innate Omniscience, Omnipotence, and Activity.*” As in sound slumber the circulation of the blood the respiratory functions, and the recuperative processes are all carried out with greater regularity, precision, and naturalness, only by virtue of the mere contact of the human soul with the body, requiring neither volition, nor design, but the mere spontaneous activity of the soul; so in the slumbering phase God is viewed as exercising the Omnipotence, Omniscience and Omnipotence, with the greatest regularity, precision and perfection, without the exercise of strained will, or brain-elaborated design, but by the spontaneous working of the eternal self-intelligent principles and ideas, whose embodi-

ment He is. From this belief in the spontaneous activity of the Divine Mind, there flows a soul-consolation; for this belief, instead of generating *fatalism* or the evils of *pre-determination*, creates *strong* faith in the *inherent wisdom* of the self-intelligent *principles* embodied and condensed, so to speak, in Godhead.

Or, to approach the subject in another way, let us consider the process whereby the bodily eyes are made to perceive external objects. The organ of the eyes has been likened to a camera obscura, its aqueous humour to a crystalline lens, and vitreous humour supplying the place for the refracting lenses, and the retina playing the part of plate of ground glass in the ordinary camera. Just as focussing is necessary for a clear image of the object Being formed, so the appended membranes in the organism are the focussing apparatus whereby the eye is adjusted to any desired distance. The organ of the eye, therefore considered merely as an organ, possesses the power of seeing no more than the camera obscure of the photographer. At the back of the camera stands the photographer who adjusts the lens, takes the image and perceives it. So it is with the human eye, At the back of the physical eye resides the principle of visual perception, at the back of the ear, the principle of hearing, and so at the back of each sense, the true principle of corresponding sensation. When man has 'shuffled of his mortal coil,' he is no more desti-

tute of these principles of perception and sensation than is the photographer destitute of the power of vision without his camera obscura. The human spirit is the *true embodiment* of these principles. So it is with the Divine Spirit. He is the true embodiment of all eternal, unchangeable principle, residing at the back of all form or organisation and independent of it, and standing at the foundation of all design. He is, in fact, Supreme Eternal Omnipresent Spirit, of whom the Upnishad says :—

अपाणिपादो ज्वनो ग्रहीता पश्यत्यचक्षुः स शृणोत्यकर्णः ।
स वेत्ति विश्वं न च तस्यास्ति वेत्ता तमाहुरप्रयं पुरुषं पुराण्यम् ॥

“He has no physical hands and feet, but without hands and feet grasps and moulds all matter by virtue of the inherent *principles*, Omnipotence and Omnipresence. He has no physical eyes, but He sees all; no physical ears, but He hears all; no internal organ of thought, but He knows all, and is Himself unknown. He is the Supreme Spirit that pervades All.” God is, therefore, viewed in this phase as Himself, *an Embodiment of all ideas and principles*. This the *slumbering* phase, the sense of the third letter M composing the monosyllable Om.

The fourth, a *hyatus*, which is no *matra* or letter, nor is even uttered or spoken, but is the the *true Ineffable Name*, represents the *Essential Existence*, the *true Atma*, the *Divine Spirit*, the *Invisible, Unimpressible, Undefinable, Unthink-*

able, Unknowable. Being, only conscious of Self, in Self *i. e.*, the Absolute and the Unconditioned, without a trace of the relative or conditioned world about Him, All-calm, All-bliss, One and Only. He should be known.

We cannot better finish this interesting, though imperfect and necessarily brief, exposition, that in the words of Prashnapanishad, 5th Prashana :—

एतद्वौ सत्यकामं परञ्चापञ्चं ब्रह्मं यदोङ्कारस्तरमाद्विद्वानेतेनै-
वायतनेनैकतरमन्वेती ॥ १ ॥ स यद्येकमात्रमभिध्यायीत स
तेनैव संवेदितस्तुर्णमेव जगत्यामभिसम्पद्यते । तस्मृचो मनुष्य -
लोकमुपनयन्ते स तत्र तपसा ब्रह्मचर्येण श्रद्धयासम्पद्नो
महिमानमनुभवति ॥ २ ॥ अथ यदि द्विमात्रेण मनसि सम्पद्यते
सोऽन्तरिक्षं यजुर्भिरुभ्रीयते । स सोमलोकं स सोमलोके विभूति -
मनुभूय पुनरावर्तते ॥ ३ ॥ यः पुनरेतन्त्रिमात्रेणैवोमित्येते-
नैवाक्षरेण परंपुरुषमभिध्यायीत स तेजसि सूर्येण सम्पद्नः ।
यथा पादोदरस्त्वचा विनिर्मुच्यत एवं ह वै स पाप्मना विनिर्मुक्तः
स सामभिरुभ्रीयते ब्रह्मलोकं स एतस्माऽजीवघगात्परात्परं
पुरिशयं पुरुषमीक्षते, तदेतौ श्लोको भवतः ॥ ४ ॥ तिस्त्रोमात्रा
मृत्युमत्यः प्रयुक्ता अन्योन्यसक्त अनविप्रयुक्ताः । क्रियासु बाह्य -
भ्यन्तरमध्यमसु सम्यक् प्रयुक्तासु न कम्पते इः ॥ ५ ॥
ऋग्भिरेतं यजुर्भिरन्तरिक्षं स सामभिर्यत्तकवयो वेदयन्ते ।
तस्मौङ्कारेणैवायतनेनन्वेति विद्वान् यत्तच्छ्रान्तमजरमस्तुतमभर्य
परब्धचेति ॥

O ! truthful inquirer, Om is the Great God. Wise men attain their object sustained by this Om. He who contemplates अ, the 1st *matra* of Om, *i. e.*, contemplates God in the 'wakeful'

phase soon becomes wise, and even, after death, is reborn, as man, the lord of creation, and, by virtue of his previous *upasana*, leads a life of devotion to study, of control of passions and anger, and of search after truth, and, thus virtuously circumstanced, experiences the pleasures of noble nature. He who contemplates अ, the 2nd *matra* of Om, or God in the 'contemplative' phase, obtains a glimpse, of the interior world of causes, and is, by virtue of this *upasana*, transported to the spiritual world, and, after experiencing exaltation there, is reborn as man. But he who contemplates ए, the 3rd *matra* of Om, *i.e.*, views God as *Himself*, becomes illuminated and obtains *Moksha*. Just as a serpent relieved of its oldened skin, becomes new again, so the *yogi*, who worships the 3rd *matra*, relieved of his motral coil, of his sins and earthly weaknesses, free with his spiritual body to roam about throughout God's Universe, enjoys the glory of the All-pervading Omniscient Spirit, ever and evermore.

To recapitulate. The three *matras* of Om, when duly contemplated and in their respective order, set free the devotee from the troubles of this world. The contemplation of the first *matra* confers upon him the most exalted state of existence possible on this earth, that of the second fills him with the joys of the spiritual world, and the contemplation of the last *matra* blesses him with *moksha* or *immortality*."

॥ ओ३म् तत्सत् ॥

MUNDAKOPANISHAT.*

—:o:—

अथ प्रथम मुण्डके प्रथमः खण्डः

ब्रह्मा देवानां प्रथमः सम्बभूव विश्वस्य कर्ता भुवनस्य गोप्ता ।
स ब्रह्मविद्यां सर्वं विद्या प्रतिष्ठामथव्वर्य उच्येष्टुपुत्राय प्राह ॥१॥

I. MUNDAK, 1st KHAND.

1. Brahma was the first of literati, who was master of the physical laws of nature, and an adept mechanician. He was the protector of mankind. He taught his eldest son, Atharva, *Brahm Vidya*, or the knowledge of the Deity, which is superior to all other kinds of knowledge.

अथव्वर्गे यां प्रवदेत ब्रह्माथव्वर्ता तां पुरोवाचांगिरे ब्रह्म विद्याम् ।
स भारद्वाजाय सत्यवाहाय प्राह भारद्वाजोश्चांगिरसे परावराम्॥२॥

2. Atharva taught Angira that spiritual knowledge which Brahma had taught him ; Angira taught it to Satyavaha, a descendant of Bhardwaja ; and Satyavaha taught it to Angiras. It has thus come down in succession.

*This Upanishat was translated by Lala Durga Prasad and revised by Pandit Guru Datta Vidyarthi, M. A., while confined to sick-bed in an advanced state of the disease which eventually carried him away—*Ed.*

शौनको ह वै महाशालोऽग्निरसं विधिवदुपसन्नः पप्रच्छ ।
कस्मिन्नु भगवो विज्ञाते सर्वमिद विज्ञातं भवतीति ॥३॥

3. Sownak, a great chief, having respectfully approached Angiras, asked, "Sire, what is it, that being known, all else is known ?"

तस्मै स होवाच । द्वैविद्ये वेदितव्ये इति ह स्म ।

यदू ब्रह्म विदो वदन्ति पराचैवापरा च ॥४॥

4. He said, "You should know that there are two kinds of knowledge, which the divine sages call *Para* (esoteric) and *Apara* (exoteric).
तत्रापरा ऋग्वेदो यजुर्वेदः सामवेदोऽथर्ववेदः शिक्षा कल्पो
व्याकरणं निरुक्तं छन्दो ज्योतिषमिति ।

अथ परा यथा तदक्षरमधिगम्यते ॥५॥

5. The *Apara* or exoteric knowledge is the reading of the Rig, the Yajur, the Sama, and the Atharva Vedas ; the Shiksha (phonetics), the Kalapa (ritual law), the Vyakarana (grammar), the Nirukta (philology), the Chhanda (prosody) and the Jyotish (astronomy). The *Para* or esoteric knowledge is one which leads to the realization of the Immortal Being.

यत्तदद्यश्यमप्राद्यमगोत्रमवर्णमच्छुः श्रोत्रं तदपाणिपादं नित्यं
विभं ।

सर्वगतं सुमूर्खं तदव्यर्थं यद्भूतयोनिं परिपश्यन्ति धीरः ॥६॥

6. That Immortal Being is visible, incomprehensible, without origin, without symbolical distinction, without eyes and ears, without hands and feet, ever-lasting, all pervading, omnipresent, subtle, imperishable ; whom the sages perceive to be the source of all beings.

यथोर्णनाभिः सृजते गृहते च यथा पृथिव्यामोषधयाः सम्भवन्ति ।
यथा सतः शुरुषात् केशलोमानि तथाक्षरात् सम्भवतीह विश्वम् ॥७॥

7. Just as the spider outbrings and absorbs the cobweb, as the earth throws up the vegetation, and as the living bodies excrete the hairy growth ; so does the universe emanate from the Indestructible Being.

तपसा चीयते ब्रह्म ततोऽन्नमभिजायते ।

अन्नात् प्राणो मनः सत्यं लोकाः कर्मसु चागृहतम् ॥८॥

8. When that Great Being contemplates creation, the universe springs up into material forms, and thence evolve vegetation, life, intelligence, truth, birth, good deeds and immortality.

यः सर्वेन्नः सर्वविद्यस्य ज्ञानमयं तपः ।

तस्मादेतद् ब्रह्म नाम रूपमनश्च जायते ॥९॥

9. The Supreme Being is Omniscient, all-wise, whose very activity is knowledge itself ; from Him has come out the material universe with its diverse forms and names!

अथ—प्रथम-मुण्डके द्वितीयः खण्डः

तदे तत्सत्यं मन्त्रेषु कर्माणि कवयो यान्यपश्यस्तानि त्रेतायां
बहुधा संततानि तान्याचरथ नियतं मत्यकामा एषः वः पन्थाः
स्वकृतस्य लोके ॥१॥

1. MUNDAK, 2nd KHAND.

1. It is true that the sages divided the *mantras*, which enjoyed the performance of religious deeds, into three *sanhitas*. Perform those duties regularly and with rational desires, It

is the path that leads to the worlds despensing the fruits of good deeds.

यदा लेलायते श्वर्चिंचः समिष्टे हव्यवाहने ।

तदाऽयभागावन्तरेणाहुतीः प्रतिपादयेच्छ्रद्धया हृतम् ॥२॥

2. When the fire fed with fuel flickers into flames, the oblations of clarified butter should be thrown into it with faithful convictions.

यस्याग्निहोत्रमदर्शमपौण्यमासमचातुर्मास्यमनाप्रयणमति-
थिवर्जितंच । अहृतमवैश्वदेवमविधिनाहृतमासप्रमांस्तस्य
लोकान् हिनस्ति ॥३॥

3. He ruins all the prospects of happy future life, who does not perform the *agnihotra* on the occassion of *darsha* (*amawas*), *puranmas*, *chatur mas* (*Choumasa*), *anagrayanam* (harvest time), who does not entertain learned guests, perform *vaishwadeva yajna* or *agnihotra* at all, or who performs them against the precepts of the Vedas.

काली कराक्षी च मनोजवाच सुलोहिता च सुधूम्रवण ।

स्फुलिङ्गिनी विश्वरूपी च देवी लेलायमाना इति सप्त
जिह्वाः ॥४॥

4. The seven zones of burning flame are *black*, *brown*, *heated*, *red-hot*, *unburnt*, *scintillating* and *luminous*.

एतेषु यश्चरते भ्राजमानेषु यथाकालं चाहुतयो शाहदायन् ।

तमयन्त्येताः सूर्यस्य रश्मयो यत्र देवानां पतिरेकोऽधि-
वासः ॥५॥

5. The oblations that are offered into the burning fire in proper way, are carried by the

rays of the sun to those regions of the atmosphere wherein the clouds float.

एष्ये हीति तमाहुतयः सुवर्चसः सूर्यस्य रश्मिभिर्यजमानं
वहन्ति । प्रियां वाचमभिवदन्त्योऽर्चयन्त्य एष वः पुण्यः
सुकृतो ब्रह्मलोकः ॥६॥

6. The offerings return to the world of the offerer in fructifying showers, saying, as it were to him, "Come, Come here, enjoy the fruits of your good deed."

पत्त वा ह्येते अहृदा यज्ञरूपा अष्टादशोक्तमवरं येषु कर्मा ।
एतच्छ्रेयोऽभिनन्दन्ति मूढा जरा मृत्युं ते पुनरेवापि-
यान्ति ॥७॥

7. These religious performances, including eighteen forms of ceremonies, are inferior in merit, transient and fleeting. Those who consider them alone as bliss, are foolish and repeatedly undergo the misery of senility and death.

अविद्यायामन्तरे वर्त्तमानाः स्वयं धीराः परिहृतं मन्य-
मानाः । जड्बन्यमाना- परियन्ति मूढा अन्धेनैव नीयमाना
यथान्धाः ॥८॥

8. Many ignorance ridden people arrogantly consider themselves to be wise, and, being puffed up with vain knowlege, go about the world as the blind leaders of the blind, to the great misery of others.

अविद्यायां बहुधा वर्त्तमाना वयं कृतार्था इत्यभिमन्यन्ति
बालाः । यत्कर्मणो न प्रवेदयन्ति रागात्तेनातुराः क्षीण-
लोकाश्चयव्यन्ते ॥९॥

9. Others, again, being ignorant, believe themselves to have attained the object of life by mere deeds. But, since mere acts and deeds do not lead to the knowledge of God, such people, immersed in worldliness, become miserable and go from bad to worse.

इष्टापूर्ति॑ मन्यमाना॒ वरिष्ठं॒ नान्यच्छ्रेयो॑ वेदयन्ते॒ प्रमूढाः॑ ।
नाकस्य॒ पृष्ठे॑ ते॒ सुकृतेऽनुभूत्येमं॒ लोकं॒ हीनतरङ्गा॑ विशन्ति॑ ॥१०॥

10. Those who foolishly consider success in worldly affairs to be the only end of life, and nothing superior to it, after enjoying the highest pleasure possible in this world, again fall into lower states.

तपःश्रद्धेये॑ ह्यपवसंत्यरथ्ये॑ शांता॑ विद्वांसो॑ भैक्षचर्य॑
चरंतः॑ । सूर्यद्वारेण॑ ते॑ विरजाः॑ प्रयांति॑ यत्रामृतः॑ स पुरुषो॑
ह्यव्ययात्मा॑ ॥११॥

11. The learned men of calm mind, living the righteous life in retirement, imbued with the desire of knowing and embracing truth, freed from passions, and subsisting on alms, attain to the unchangeable, immortal, all-pervading Spirit with their spiritual body.

परीक्ष्य॑ लोकान्॑ कर्मचितान्॑ ब्राह्मणो॑ निर्वेदमायान्नास्त्यकृतः॑
कृतेन॑ । तद्विज्ञानार्थं॑ स गुरुमेवाभिगच्छेत्॑ समित्पाणिः॑
श्रोत्रियं॑ ब्रह्मनिष्ठम्॑ ॥१२॥

12. Let the learned man, seeing that all the enjoyments of the world depend upon deeds, and that, mere deeds do not lead to the knowledge of God, abandon the love of the world

and repair to a preceptor well-versed in the Vedas, and wholly devoted to God, with suitable present, to acquire the knowledge of God.

तर्समै स विद्वानुपसन्नाय सम्यक् प्रशान्त चित्ताय शमान्विताय । येनाक्षरं पुरुषं वेद सत्यं प्रोवाच तां तत्त्वतो ब्रह्मविद्याम् ॥१३॥

13. The preceptor should initiate such a contented, quiescent student into *Brahma Vidya*, which reveals the presence of the Eternal, All-pervading Being.

॥ अथ द्वितीय मुण्डके प्रथमः खण्डः ॥
तदेतत्सत्यं यथा सुदीप्तात्पावकाद्विष्फुलिङ्गाः सहस्रशः
प्रभवन्ते सरूपाः । तथाक्षराद्विविधा सोभ्य भावाः प्रजायन्ते
तत्र चैवापियान्ति ॥१॥

II. MUNDAK, 1st KHAND

1. Verily, O Dear Inquirer, innumerable principles emanate from the Immortal Being, and lose themselves as well in Him, just as thousands of similar sparks fly from a blazing fire.

दिव्यो ह्यमूर्तिः पुरुषः स वाह्यन्तरोह्यजः ।
अप्राणो ह्यमना शुभ्रो ह्यक्षरात् परतः परः ॥२॥

2. That Immortal being glorious, incorporeal, all-pervading existing in and out, unborn without organs of life and of mind, holy, subtler than the all-filling ether, and even than the human soul.

एतस्माज्जायते प्राणोमनः सर्वेन्द्रियाणि च ।
खं वायुज्योतिरापः पृथिवी विश्वस्य धारिणी ॥३॥

3. He is the author of the organs of respiration and mind, all the senses, essences, ethers, vapors, fluids that support all other things.

अग्निमूर्द्धो चक्षुधी चन्द्रसूर्यो दिशः श्रीत्रे वााग्वबृत्ताश्च
वेदाः । वायु प्राणो हृदयं विश्वस्य पद्म्यां पृथिवी श्वेष-
सर्वभूतान्तरात्मा ॥४॥

4. The Eternal Spirit that resides in the interior of all things, has disposed the fire instead of the brain, the sun and the moon in lieu of the two eyes, the open directions of space in lieu of the ear cavities, the Vedas as His organs of speech, the atmosphere as His lungs, the whole universe as His heart, and the earth as His feet. It is thus that He lives.

तस्मादग्निः समिधो यस्य सूर्यः सोमात् पर्जन्य ओषधयः
पृथिव्याम् । पुमान् रेतः सिङ्गति योषितायां वह्नीः प्रजाः
पुरुषात् सम्प्रसूताः ॥५॥

5. From Him proceed the great battery of forces, whose fuel is the sun which draws by its rays liquid vapors above. Thus the clouds are formed which shower on the earth, producing rich vegetation. This in its turn, is consumed by males who refine it into spermatozoic fluid and thereby fructify the females. Thus, the infinity of creatures is brought into this world by the mighty working of His immutable law.

तस्माद्वचः साम यजूंषि दीक्षा यज्ञाश्च सर्वे क्रतवो दक्षिणाश्च । सम्बृत्सरश्च यजमानश्च लोकाः सोमो यत्र पवते यत्र सूर्यः ॥६॥

6. The Rig, Sama, Yajur, initiation, *yajnas* charity, the year, the agent, the surroundings where the sun and the moon perform their respective functions, all have sprung from Him. ॥६॥
तस्माच्च देवा बद्धुधा समप्रसूताः साध्या मनुष्याः पश्वो वयांसि प्राणापानौ ब्रह्मिहियवी तपश्च श्रद्धा सत्यं ब्रह्मचर्यं विधिश्च ॥७॥

7. He is the father of innumerable learned men, skillful experts, ordinary men, animals, birds, vital airs, various kinds of food, austerity, faith, truth, chastity, and the law.

सप्तप्राणाः प्रभवन्ति तस्मात्सप्ताच्च वः समिधः सप्त होमाः ।

सप्तप्राणाः प्रभवन्ति तस्मात्सप्ताच्चिच्छः समिधिः नप्त सप्त ॥८॥

8. He has placed in the heart seven *pranas* (vital powers), seven *archis* (their influences or activities), seven *samidhas* (their respective objects of sensation, perception &c.,) seven *homas* (their knowledge), and seven *lokas* (the organs of those powers or senses wherein the *pranas* work.). ॥८॥

∴ सप्ताच्चः—पायूपस्थेऽपानंहयेचक्षुः श्रोत्रे मुखनासिकाभ्यां प्राणः स्वयं प्रातिष्ठिते मध्येतु समानः । एषहि हयेतद्व तमन्नं समन्नयति तस्मादेताः सप्ताच्चिद्भो भवन्ति ॥९॥ प्रभोपनिषद् ३ प्रभ

The *prana* (vitality) becomes seven fold, as it works in seven organs of the body, viz., two *private parts* the eyes, the ears, the mouth, the nose, and the heart. It extracts vitality from food and distributes among these organs, which thus become capable of the mental acts of sensation, &c.

अतः समुद्रा गिरयश्च सर्वेऽस्म त् स्यदते सिंधवः सवर्णरूपाः ।
अतश्च सवां ओषधयो रसश्च येनैष भूतैस्तिष्ठते ह्यन्तरात्मा ॥ ६ ॥

9. He has made the seas, the mountains, together with all the rivers that flow in their meandering paths, as well as all the herbs, and their juices ; it is He who interiorly pervades and upholds them.

पुरुषः एवेदं विश्वं कर्म तपौ ब्रह्म परामृतम् ।
एतादो वेद निहितं गुहायां सोऽविद्याप्रथि विकिरतीह सोम्य ॥ १० ॥

10. This very universe, together with the activities of men, their knowledge of the Vedas, penance, immortality, exists in the Omnipresent Being. O Dear Inquirer ! he who knows this Being in the depth of his heart, breaks asunder the ties of ignorance and obtains salvation.

॥ अथ द्वितीय मुण्डके द्वितीयोः स्तरः ॥
आविः सन्निहितं गुहाचरन्नाम महत्पदमत्रैतत्समर्पितम् ।
एजत्प्राणज्ञिमिष्वद्य यदेतज्ञानथ सदसद्वरेण्यम् परविज्ञाना
शद्विष्ठ प्रजानाम् ॥ १ ॥

II. MUNDAK, 2nd KHAND

1. Verily, the Supreme Being is everywhere manifested and is always near at hand, pervading the intellect, the great asylum, the repository of all this moving, living, and throbbing universe. Know Him to be self-existent, invisible, adorable, and subtler than we can comprehend. Indeed, He is the only adorable Being for His creatures.

यदच्चिर्च मदगुम्भोऽगु यस्मिन् लोका निहिता लोकिनश्च ।
तदेतदक्षरं ब्रह्म स प्राणस्तदु वाङ्मनः । तदेतत्सत्यं तदमृतं
तदबोद्धव्यं सौम्यविहि ॥२॥

2. He is glorious, and finer than atoms, and worlds and the creatures thereof. He is the undecayable Supreme Being, the life of all, the essence of speech and mind, All-truth, and Immortal. O Dear Inquirer, know that He alone is to be aimed at.

अनुगृहीत्वौपनिषदं महास्त्रं शरं हुपासा निशितं सन्धीयत ।
आयम्य तद्वावगतेन चेतसा लक्ष्यं तदेवाक्षरं सौम्य विहि ॥३॥

3. Hold the bow—the Upanishads ; fit in the sharp arrow of concentrated attention ; draw it with the whole force of devotion ; and bear it in mind that the mark is the Great Immortal Being.

प्रणवो धनुः शरो ह्यात्मा ब्रह्म तत्त्वमुच्यते ।
अप्रमत्तेन वेद्धव्यं शरवत्तन्मयो भवेत् ॥४॥

4. Om, the Great Name of God, is the bow, the soul arrow, the mark the Supreme Being Himself. Shoot it with al' your force and vigilance ; and just as the arrow is pierced into the mark, so is the soul lodged in the Divinity.

यस्मिन् द्यौ पृथिवी चान्तरिक्षमोत्तमनः सह प्राणैश्च सर्वैः ।
तमेवैकं जानथ आत्मानमन्या वाचो विमुक्तय अमृतस्यैष -
स्तुः ॥ ५ ॥

5. He who interiorly and invisibly sustains the sun, the earth and the intervening space in their respective positions, even He who sustains the life, the brain, the lungs and all the various senses, is the Unitary Interpervading Spirit. Try, O men to know Him alone, and leave of all other talk; for, He is the only principle that leads to immortality.

अरा इव रथनाभौ संहिता यत्र नाड्यः स एषोऽन्तश्चरते
बहुदा जायमानः ।
ओमित्येवं ध्यायथ आत्मानं स्वस्ति वः पराय तमसः
परस्तात् ॥ ६ ॥

6. Just in the heart; where all the blood vessels meet, very much like the spokes of a wheel meeting in the navel, resides the interiorly-governing Divine Spirit, manifesting His glory in ways multifarious. Contemplate Him,” the Om, the interiorly governing Spirit, for He alone can lead you with safety to the blissful haven far beyond the ignorance begotten miseries of this troubled ocean of life.

यः सर्वज्ञः सर्वविद् यस्यैष महिमा भुवि हिंड्ये ब्रह्मपुरे द्योऽन्योऽन्यात्मा प्रतिष्ठितः मनोमयः । प्राण शरीरनेता प्रतिष्ठितोऽन्ने हृदयं सज्जिधाय तद्विज्ञानेन परिपश्यन्ति धीरा आनन्दरूपममृतं यद्विभाति ॥ ७ ॥

7. The all-wise, Omnipotent Being, whose greatness is manifested in the heavens and on the earth, is only found in the depth of the heart. He is the controller of the mind, the

vital airs and the body. He has ordained that food should be the nourisher of the heart. By His knowledge the sages are able to feel bliss and immortality.

भिद्यते हृदयप्रन्थिश्छब्दन्ते सर्वसंशयाः ।

क्षीयन्ते चास्य कर्माणि तस्मिन्हृषे परावरे ॥ ८ ॥

8. The perception of that Omnipresent Being destroys all ignorance of the heart, eradicates all doubts of the mind, and puts a stop to all the wicked actions,

हिरण्यमये परे कोशो विरजं ब्रह्म निष्कुलम् ।

तच्छुभ्रं ज्योतिषां ज्योतिस्तद्यदात्मविदो विदुः ॥ ९ ॥

9. The Great God, without impurity and without parts, resides in the most interior. It is He that the seers perceive to be the holiest and the glory of the glories.

न तत्र सूर्यो भाति न चन्द्रतारकं नेमा विशुतो भान्ति
कुतोऽयमर्जिनः ।

तमेव भान्तमनुभाति सर्वं तस्य भासा सर्वमिदं विभाति
॥ १० ॥

10. Neither the sun, nor the moon, nor the stars, nor even lightnings illumine Him; much has this terrestrial fire. It is through His lustre that all these shine; it is through His illumination that all this is illumined.

ब्रह्मैवेदमसृतं पुरुस्ताद् ब्रह्म पश्चात् ब्रह्मा दक्षिणतश्चोक्तरेण ॥
अधरश्चोर्ध्वश्च प्रसृतं ब्रह्मैवेदं विश्वमिदं वरिष्ठम् ॥ ११ ॥

11. The Great God is immortality; He is before and behind, right and left, above and below, pervading all this grand stupendous universe through and through.

अथ तृतीय मुण्डके प्रथमः खण्डः ॥
 द्वा सुपर्णा सयुजा सखाया स्तमान् वृक्षं परिषस्वजाते ।
 तयोरन्यः पिप्पलं खाद्यस्यनशनश्चन्योऽभिचाकशीति ॥ १ ॥

III. MUNDAK, 1ST KHAND

1. There are two conscious entities, possessing divine qualities, co-eval companions, embracing each other, and residing in one and the same univercelum. One of them enjoys the fruits of his actions and the other looks on the same, unaffected by consequences.

स्तमाने वृक्षे पुरुषो निमग्नोऽनीशया शोचति मुहूर्मानः ।
 जुष्टं यदा पश्यत्यन्यमीशमस्य महिमानमिति वीतशोकः ॥ २ ॥

2. The soul, engrossed in worldly desires, falls into grief through ignorance, not having realized God. But when he realizes the Almighty Ruler of the universe and recognizes His greatness, he is then emancipated from his grief.

यदा पश्यः पश्येत दक्षमवर्णं कर्तारमीर्णं पुरुः प्रश्नयोनिम् ।
 तदा विद्वान् पुरुषपापे विधूय निरङ्गनः परमं साम्यमुपैति ॥ ३ ॥

3. When the seer perceives the beatific presence of the self-glorious Being, the Maker and the Ruler of the world, the Omnipresent Being, the origin of all knowledge, he, discarding all good and bad actions, becomes free from all taint of matter and attains to the harmony of the soul.

प्राणो श्वेष यः सर्वभूतैर्बिभाति विज्ञानन् विद्वान् भवते
नातिवादी । आत्मक्रीड़ आत्मरतिः क्रियावानेष ब्रह्मविदां
वरिष्ठः ॥४॥

4. He is life, whose wisdom is stamped on all universe. The sage who knows Him, leaves off useless talk. Rejoicing in the self, absorbed in the self and endowed with energy, he becomes the foremost spiritual teacher.

सत्येन लभ्यस्तपसा श्वेष आत्मा सम्यक् शानेन ब्रह्मचर्येण
नित्यम् । अन्तः शरीरे ज्योतिर्मयो हि शश्वो यं पश्यन्ति-
यतयः क्षीणदोषः ॥५॥

5. Through strict veracity, uniform control of the mind and senses, abstinence from sexual indulgence, and ideas derived from spiritual teachers, man should approach God, who full of glory and perfection, works in the heart, and to whom only vataries, freed from passion and desire, can approximate.

सत्यमेव जयते नानृतं सत्येन पन्था विवरो देवयानः ।
येनाक्षमन्त्यृष्ययो शासकामा यत्र तत्सत्यस्य परमं
निधानम् ॥६॥

6. Truth always triumphs, and untruth is always vanquished. Truth is the pathway which learned men tread. It is by this path that the sages, satiated in their desires, have obtained salvation in Him, who is the infinite ocean of truth.

बृहच्च तदिव्यमचिन्त्यरूपं सूक्ष्माच्च तत्सूक्ष्मतरँ विभाति ।
दूरात् सुदूरे तदिहान्तिके च पश्यत्स्विहैव निहितं
गुहावाम् ॥७॥

7. He is the greatest of all beings, the most wondrous, incomprehensible, and the subtlest of all principles. He is farthest of all and also near at hand, nay He is found in the interior of the self of those who have eyes to see Him here on earth.

त एक्षुषा गृह्णते नापि वाचा नान्यैर्देवैस्तप्या कर्मणा वा ।
ज्ञानं प्रसादेन विशुद्धं सत्त्वसत्त्वस्तुतं पश्यते निष्कलं
ध्यायमानाः ॥८॥

8. He is apprehended neither by the eye, nor by speech, nor by the other senses, nor by austerities, nor by deeds. The contemplator, whose intellect has become refined, apprehends Him by the 'tranquil, unflagging light of knowledge.

एषोऽगुणस्त्वा चेतसा वेदितव्यो यस्मिन् प्रभ्यः पश्यते
संविदेश । प्राणैश्चितं सर्वमोक्षं प्रजानां यस्मिन् विशुद्धे
विभवत्येष आत्मा ॥९॥

9. This subtle Spirit can be known by the intellect only, which is governed by the five vital airs. The minds of all creatures are interwoven with life. When the mind becomes pure, the spirit begins to feel its power.

यं यं लोकं मनसा संविभाति विशुद्धसत्त्वः कामयते यांश्च
कामान् । तं तं लोकं जायते तांश्च कामांस्तस्मादात्मक्षः शुच्चर्च-
येद् भूतिकामः ॥१०॥

10. Whatever regions the person of pure and calm intellect thinks of in his mind, and whatever desires he entertains, he is sure to reach and obtain. Hence one who longs for great powers, should reverently seek the spiritual teacher.

॥ अथ शुल्कीय मुरुहड़के द्वितीयः खण्डः ॥
स वेदैतत्परमं ब्रह्म धाम यत्र विश्वं निहितं भासि शुभ्रम् ।
उपासते पुरुषं ये हुक्कामास्ते शुक्रमेतदतिथर्तन्ति धीराः ॥१॥

III. MUNDAK, 2ND KHAGD

1. He knows that supreme God, the asylum of all, wherein the whole universe rests and looks splendid, who adores Him, the Holy Being disinterestedly. Such a wise man rests beyond the turmoils of the world.

कामान् यः कामयते मन्यमानः स कामभिर्जायते तत्र तत्र ।
 पर्याप्तकामस्य कृतात्मनस्तु इहैव सर्वे प्रविलीयन्ति
 कामाः ॥ २ ॥

2. Whoever entertains desire, is born midst their objects. But the desires of him, who is satiated in them, and who has obtained the *summum bonum*, disappear even here on earth.

नायमात्मा प्रवचनेन लभ्यो न मेधया न बहुना श्रुतेन ।
 यमेवैष वृणुते तेन लभ्यस्तस्यैष आत्मा विवृणुते त न
 स्वाम् ॥ ३ ॥

3. The Spirit God is obtained neither by lecturing nor by much hearing, nor by ingenuity. Whoever heartily seeks Him obtains Him. This Spirit reveals His glory to Him who renders himself a body unto Him.

नायमात्मा बलहीनेन लभ्यो न च प्रमादात्तपसो वात्यलिङ्गात्
 एतैरुपायैर्यतते यस्तु विद्वांस्तस्यैष आत्मा विशते
 ब्रह्मात् ॥ ४ ॥

4. This spirit is obtained neither by the weak, nor by the indolent, nor by misplaced austerity. But the person who tries to find Him out by proper means, finally obtains the realization of God.

सं प्राप्यैनमृष्यो ज्ञानतृप्ताः कृतात्मानो वीतरागाः प्रशान्ताः ।
 ते सर्वगं सर्वतः प्राप्य धीरा युक्तात्मानः सर्वं
 मेवाविशन्ति ॥ ५ ॥

5. The sages, who are satiated through knowledge, who have obtained divine knowledge, who are freed from all affections and who are calm, firm of mind, and wise of intellect, finally rest in Him, who is present everywhere, and who is accessible from every quarter.

वेदान्तं विज्ञानं सुनिश्चितार्थाः सन्यासयोगाद्यतयः

शुद्धसत्त्वाः ।

ते ब्रह्मलोकेषु परान्तकाले पराममृताः परिमुच्यन्ति सर्वे

॥ ६ ॥

6. Those persons who are convinced of God by the knowledge of Vedanta, whose intellects are pure by virtue of resignation, and who have full control over themselves, will resume the course of life, after having enjoyed immortality for a *parant** cycle.

गताः कलाः पच्चदश प्रतिष्ठादेवाश्च सर्वे प्रतिदेवतासु ।

कर्माणि विज्ञानमयश्च आत्मा परेऽव्यये सर्वे

षट्कीभवन्ति ॥ ७ ॥

7. The fifteen *kalas* disappear, all the senses resolve into their component elements. The soul and its actions are all absorbed in the Supreme, Eternal, All-encompassing Being.

यथा नद्यः स्यन्दमानः समुद्रेऽस्तं गच्छन्ति नामरूपे विहाय ।

तथा विद्वान्नामरूपाद्विमुक्तः परात्परं पुरुषमुपैति दिव्यम्

। ८ ॥ ।

* *paranta Kala* = 31,10,40,00,00,00,000 years.

8. Just as the rivers falling into the sea lose their distinction, name and form, so does the learned man, freed from the phenomenal world, obtain the Glorious Being, who pervades all and is higher than the highest.

स यो ह वैतत्परमं ब्रह्म येद ब्रह्मैव भवति । नास्याब्रह्म-
विल्कुले भवति ।

तरति शोकं तरति पाप्मानं गुहाप्रन्थिभ्यो विमुक्तोऽमृतो
भवति ॥ ६ ॥

9. He who knows the Great God, becomes absorbed in Him. No issue ignorant of God is ever born in his family. He rises above sin and sorrow, is freed from the ties of ignorance, and becomes immortal.

तदेतहस्युक्तं क्रियावन्तः श्रोत्रिया ब्रह्मनिष्ठा स्वयं जुहते
एकर्षि ।

क्षद्रयन्तस्तेषमेवैतां ब्रह्मविद्यां बदेत शिरोब्रतं विधिवद्यैस्तु-
चीर्णम् ॥ १० ॥

10. The Vedas also declare, "Let spiritual knowledge be imparted to those, who properly observe the tonsure ceremony of *sannyas*, who are practical *yogis* versed in the Vedas and devoted to God, who invoke the All-wise God in their hearts, and who are actuated by the motives of truth and truth alone."

तदेतत् सत्यमृषिरङ्गिरा पुरोबाच नैतदचीर्णं वृतोऽधीते ।

नमः परम ऋषिभ्यो नमः परम ऋषिभ्यः ॥ ११ ॥

11. Angirah has truly said that one who is not qualified in the above manner, never acquires spiritual knowledge. Salutation to the great Divine sages !

THE REALITIES OF INNER LIFE

The fact that man lives on a double plane of existence, that he leads a two-fold life, is not new in any sense. He lives the life of the *flesh* and the life of the *spirit*. Scientific minds term the one *objective* and the other *subjective* existence. True poets of nature and religious men agree alike in this. "O man ! the brute and the angel are alike in thee." The metaphysicians of older Samskrita schools styled these two modes of existence, the life of *Bahishkarna* and the life of *Antashkarna*, the *outer* life of the *Senses* and the *inner* life of the *Intellect*. But the law of double existence is not applicable to it alone. It is a universal law. It applies to the universe. Matter is the entity of the Outer life, and God the reality of the Inner life. And the Trinity of God, Matter and contemplating Spirits exhausts the substances of the *Cosmos*. Thus the universe lives a two-fold existence, the outer, the *phenomenal* and the inner, the *noumenal*.

The outer plane of existence is the one that is familiar to all. But the inner, the internal, is a blank page, a white sheet to many. The inner, in so far as inner, is poetry; the outer, as the external, is prose. And poetry is, to many, nothing but wild fantastic imagination

let loose. Hence it is that matter, with the ephemeral host of its countless attributes, is the only reality, the only true God to many.

"Earth's powers and principalities exclude most men from the society of poetry and eternal principles. Matter is a powerful and controlling God; it is the prince of darkness" to millions of our throbbing humanity. Matter clings and clusters heavily about man's interior life; it is the dead-freight of his perilous voyage from the cradle to the *crematory*. Men are necessitated to worship at the shrine of matter. They make it the chief object both of masterly effort and spiritual contemplation. Thousands reverence matter incessantly. They bow down before its altars. They bring to it many offerings—covering its temples with every thing within the power of man to bestow: with scientific art, and the works of genius, with developments of the noblest talents, with every thing, even life itself.

Mammon is but the servant of matter, matter is but the servant of soul: soul is but the servant of spirit; but in this world, it happens that spirit and soul and matter are the servants of mammon. No human soul is independent of its material surroundings. All life is real bondage to matter. Matter is the mind's jailor. Want is the overseer who lashes the prisoner into his daily labour.

“‘Tis the mandate of matter which the mind obeys nine-tenths of earthly time. The sight of objects, the taste of fruits, the smell of odors, the cognition of sensations, the hearing of sounds—thus the spirit looks out and lives through the *grated windows* of its prison-castle.”

How, then, can man, thus immersed in the life of the senses, realize the interior realities of inner life ? The death of matter is the birth of the soul. Light and darkness cannot coexist.

अन्यदेवाहृ विद्याया अन्यदेवाहुरविद्याया ।

इति शुश्रूम धीराणां ये नस्तद्विच्चर्चज्जिरे ॥

This is the tenth Mantra of the 40th Adhyaya of Yajur Veda, and it means :—

“The life of senses (avidya) produces one result, and the life of spirit (vidya) produces exactly, the reverse.” अविद्यया मृत्युं तीक्ष्वा विद्यया मृत्युं मरनुते “the life of the senses is spiritual death, the life of the spirit is the *new birth*, immortality.”

हिरण्मयेन पात्रेण सत्यस्यापिहितं मुखं
तत्वं पूषनापावृणु सत्यधन्माय हृष्ये ॥

This is the 15th Mantra of the same Adhyaya and it means :—

“The resplendent face of Truth is hid beyond the veil of the glitter of Mammon”—
हिरण्मयेन पात्रेण अपिहितं “O Preserver of the universe ! remove the veil, so that we might see

the immortal Truth." Yes, the veil must be removed, the brute in man crushed, before the influx of the Divine Light can be realized.

"The universe with its beauties and laws and harmonies, is *nothing* to the idiot mind caged in matter. The gorgeous heavens with their unnumbered systems of suns and stars are *nothing* to a soul bowed down by the daily drag of material necessities. The ponderous globes of spaces, so attractive to the uplifted mind of the philosopher, are *nothing* to him who makes a God of gain. Matter and money surround him on either side. He drives through his surroundings. and then they drive through him; and so goes his daily life "to the last syllable of recorded time."

The fair sky of heavenly truth never covers the earthly mind. Faith in such circumstances is impossible. Doubt, yes doubt, is the only paramount functionary that lives and flourishes. And what else is possible under such circumstances ? In such a state, the mind seeks, in vain, for a soul-consoling philosophy. The world of matter, the region of discord alone, is visible, The Omniscient Intelligence of far-off immensities of the universe is nowhere to be found. The whisperings of regnant functionary, Doubt, are too positive. "Has it not been said that 'by searching none can find out God ? And is it not true that the most strenuous God-believers confess that it is only a belief with them; that they really

know nothing on the subject?" These are the whisperings of Doubt. But this prime minister of the life of senses, this sceptical functionary does not end his researches here. He is thorough-going. He enters the material world, asks the sciences whether they can disclose the mystery and this is the result of his investigations:—

"Geology speaks of the earth, the formation of the different strata, of coal, of granite, of the whole mineral kingdom. It reveals the remains and traces of animals long extinct, but gives us no clue whereby we may prove the existence of God."

"Natural History gives us a knowledge of the animal kingdom in general, the different organisms, structures and powers of the various species. Physiology teaches the nature of man, the laws that govern his being, the functions of the vital organs and the conditions upon which alone health and life depend. Phrenology treats of the laws of the mind, the different portions of the brain, the temperaments, the organs, how to develop some and repress others to produce a well-balanced healthy condition. But in the whole animal economy, though the brain is considered to be a 'microcosm' in which may be traced a resemblance or relationship with everything in nature, not a spot can be found to indicate the existence of God".

“Mathematics lays the foundation of all the exact sciences. It teaches the art of combining numbers, of calculating and measuring distances, how to solve the problem to weigh mountains, to fathom the depths of oceans; but gives us no directions how to ascertain the existence of God”.

“Enter Nature’s great laboratory—Chemistry, she will speak to you of the various elements, the combinations and uses of the gases constantly evolving and combining in different proportions, producing all the varied objects, the interesting and important phenomena we behold. She proves the indestructibility of matter, and its inherent property—motion; but in all her operations no demonstrable fact can be obtained to indicate the existence of God.”

“Astronomy tells us of the wonders of the solar system—the eternally-revolving planets, the rapidity and certainty of their motions, the distance from planet to planet, from star to star. It predicts with astonishing and marvellous precision, the phenomenon of eclipses, the visibility on our earth of comets, and proves the immutable law of gravitation, but is entirely silent on the existence of God.”

“In fine, descend into the bowls of the earth, and you will learn what it contains; into the depths of the ocean, and you will find the inhabitants of the great deep; but neither in the

earth above, in the waters below, can you obtain any knowledge of His existence. Ascend into the heavens, and enter the milky way, go from planet to planet to the remotest star, and ask the eternally-revolving systems. Where is God ? and echo answers—Where ?

“The universe of matter gives no record of His existence. Where next shall we search ? The universe of mind ! Read the millions of volumes written on the subject, and in all the speculations, the assertions, the assumptions, the theories and creeds, man has only stamped the indelible impress of his mind on every page. Human records are, at the best, delineations of human character, phases of human mind, pictures of human existence, but where is God ?

“Look around you and confess that there is no evidence of intelligence, of design, and consequently of a designer ? What is intelligence ? It is not a thing, a substance, an existence in itself, but simply a property of matter, manifesting itself through organisations.”

These, then, are the fond insinuations of Doubt, the whisperings of Scepticism, and the legitimate consequences of a life of the senses, an existence in matter, a worship of Mammon, a belief in omnipotent atoms.

For, how can God be thus known: Geology, Natural History, Physiology, Anatomy, Phrenology, Mathematics, Chemistry, Astronomy and

all are but grosser dovelopments, the outer kernel. They deal only with the tangible, the tactful, the optical, audible, the edible, the olfactory and the palatal. But God, the Universal Spirit of nature, सर्वान्तरात्मा, is beyond the sensible, नैन्देवा आप्नुवन् पूर्वमर्षत् ! तद्वावतोऽन्यानन्त्येति is far beyond the transient, mobile, vibratory phenomena of the senses. Do you descend into the earth, ascend into the heavens, and explore the regions of immensity to discover the locality of the Universal Spirit..

तद्दूरे तद्वान्तके । तदन्तरस्य सर्वस्य तदु

सर्वस्यास्य बाह्यतः । य० अ० ४ म० ५ ॥

He is remoter than the remotest, and the physical senses discern Him not. He is nearer than the nearest, for, He is the innermost, but foreign or exotic to all that is external.

The law of God's revelation into the soul is the inner harmony. The whirlwind of matter obstructs the adjustment of the internal. Abstraction, meditation, mental quiet and contemplation alone are compatible with the realization of the Divine.

But when he who makes boast of his high impregnability, is himself most vulnerable; he who prides himself upon his valor, is himself most cowardly; he who preaches truth to others, is himself most untruthful; he who sets himself up as the leader of a legion, is himself misled; he who styles himself an honest citizen is unjustly

living upon heavy profits filched from the daily toil of hopeless men; he who claims to belong to an honorable profession, fills pockets upon the bargains of others' forgeries, iniquities and legal niceties; he who calls himself the noble physician, the philanthropic curer of the body, is only interested in the *pecuniary* health of his patients; he who administers peace to the soul, when preaching on the pulpit, is profane when cursing the enemies of his creed; he who talks of liberty and independence of thought, and public opinion, permits the government, or the church to gag the free-born soul; he who boldly challenges the world to refute his dogmas, his policy, or his charitableness, himself hesitates to broach one particular question in private, to defend one particular line of action, or to allow one particular charity; does he or can he maintain any harmony of the Internal? Why then expect that he can be good, holy, and pure, full of the inspirations of divinity.

So long as might is mistaken for right: brute-force is made to do the work of love: folly is substituted for the hints of wisdom: hypocrisy is more fashionable than innocent virtue; wealthy vice is more courted and sustained than poor virtue; how can diseases, crimes and miseries cease to exist, or peace, progression and happiness prevail? That is why in the boundlessness of ignorance man assumes the posses-

sion of rare intelligence. The slanting rays of science, a sun that has not yet risen, he applauds as the full blaze of absolute truth.

These maladies of inner life have attracted the notice of thinking minds, these diseases have been pointed out by the religiously earnest, and as is the custom with bodily discords and corporeal maladies, patent medicines have been invented supposed to cure these evils, reform society and purge off individuals. A sect of such patent medicine-vendors prescribes "prayer" as the best emetic purgative for such diseases, and advises men and individuals to absorb long doses of prayer both by day and night. Thus malformations are being generated, perpetuated and encouraged, and the enervating, swooning effect of decaying spiritual energy is mistaken for the chastening effects of "prayer." First of all, diseases, discords and pains are positive evils. With the progress of "prayer," the praying soul learns to put up with them, then regards them in his self-abnegation as the dust of travel, he ultimately succumbs to them and swoons, and takes this for the quiet of his mind which he calls the bliss, the salvation, the presence of divinity in the soul. With this the vital energy begins to decay, and this he styles the death of the brute in him. This patent medicine is but the fire of sentiments, the spark of ungratified desires, the ember of unprovisioned needs, the

heat of friction, the broth and broil of conflict. The quiet of the mind, the swoon that follows, is the death of the intellect upon whose ashes simmer and bubble the vapours of passions, of griefs, of pangs, of ecstasies and other abnormalities. But the true influx of divine light comes with expansion of the intellect, the elevation of feelings, and the increase of vitality. Then true intuitions dawn. Let us not mistake the external signs for the internal. All that glitters is not gold. In fact, the external is delusive, the invisible is the real. And the search of the invisible is the true search after God, its discovery and appropriation, the true birth of the spirit and the immortality of the soul. Decidedly, then, I give preference to the invisible over the visible.

“That my meaning may be more distinctly comprehended, let it be observed that the body is a form, is transient, is changeable, the internal is *not* changeable. The man is internal, the effect or form is external. The mind is not acted upon, but acts on the body. That which is internal is the reality; that which it acts on is visible and mortal. And all appearances foreign are composed of the same mortal ingredients, mortal in the restricted sense of that term.

Now it being clear that the visible is not the real, but that the invisible is the eternal, it follows that we must make the best of truth to

consist in an imperceptible yet unchangeable and eternal principle. Admitting this much, you are able to advance one step further in the cognizance of possible probabilities. Effects are witnessed, they are traced to an immediate cause which is demonstrated by strict and severe analysis. This cause producing this effect shows you that the effect is not without a cause. This effect produces another and that also another; and so by analogy you may see that there is an endless and incalculable amount of causes and effects. And tracing causes to effects and effects to causes, is the correct process of reasoning, and this you do in your imagination until you arrive at a chaos of existence, then stop breathless and return to ask: What was the cause of the first cause? You would not have gone upon these trackless peregrination, if you had but considered all forms and externals as not causes but effects. Let us illustrate this by an example.

Conceive of a germ being hidden beneath the surface of this hard earth. Imagine that you forget its existence. Let a few years of time elapse, and cast your eyes to the spot where it was concealed, and you see a lofty and beautiful tree, standing in all the majesty and dignity of its nature. Would it not be as absurd and impossible to disbelieve the *existence* as it would be to doubt for one moment, the

germ which has produced this existence ? The tree stands and is visible as an ultimate man stands and is also an ultimate. The germ of the tree, you knew of its existence, but the germ of the world, you do not know of its existence. But is it not evident that the latter is at least *possible* since the first is known and demonstrated ? By even assenting to such a possibility, we become prepared to take one more careful step in this investigation.

Let us illustrate the next step to be taken by another example. Suppose a man diseased : physicians examine his case guided both by physiological manifestation of the disease, and by the feelings which the disease produces, which are not perceptible to them by any processes of external observation. The patient communicates his own feelings, the physicians taking them for granted, and from these together with the symptoms manifest, they decide upon the name of the disease. Every one of these physicians, from the evidence which he has received through the senses, differs from the others as to the character of the disease. Have you not here proof that the external and manifest is the effect and cannot be relied on, while the cause is hidden and you do not possess any means by which to investigate its cause ?

Again, a man has a curious tooth; he tells you he experiences a severe pain; but you doubt his word and ask for proof. He points you to the tooth which is the object tangible. But does the evidence, of which your senses admit, convince you that he has a pain ?

Another example. The whole world of mankind can give in their united testimonies that they positively and absolutely see the sun rising in the east and setting in the west. Is there not internal evidence that the external and manifest of this is positively unreal ? Inward searching after truth has established the cause of this phenomenon and proved that the sun does not move. But it is the visible and the external that you are deceived by and not the invisible which is the reality.

Hence, the true student of Nature contemplates the invisible in the visible, silently contemplates the cause at the back of nature which produced this theatre of human existence, and, with highest reverence for truths pertaining thereunto, associates with the first Principle of life and activity. His aspirations are purely of an intellectual or moral character. The universe is fully of the Lord, and there is nothing of the universe that is not of the Lord :

ईशावास्यमिदं सर्वं यत्किंच्च जगत्याङ्गत् ।

To his purified understanding, freed from passion and dislike, devotion and meditation,

confidence and dispassion open the way where the beams of wisdom softly enter and shed a mellow, agreeable lustre on his feelings and intellect. He has discovered the true saviour, the invisible master, in whom the universe has its being. To him the interior is the real. His expanded intellect passes through the dross to that which is essential, to the spirit within the body, to the life within the law, to the science within the substances.

The conclusion from the above is that it is the expanded intellect, and not prayer, that can lift the soul to the realisation of the divine reality, that the most earnest prayer we can ever utter, is the righteous exertion to merit the inspirations that flow into the intellect from the Fountain-head of all Wisdom.

It has been my object in the present imperfect hasty sketch of my ideas presented to you to establish and make plain three conclusions :

1.—That there is a true inner life, and that man subjected to the interference of the commotions of the world cannot fully perceive and comprehend the Universal Truth.

2.—That from inability to perceive this Universal Truth by the expanded intellect or purified reason have sprung up the patent

theological remedies of prayer-doses and tearful brain-reliefs.

“ 3. --That the Original Organiser of the Universe is the Invisible, the Potent, the Universal, and the All-governing reality of this inner world.

EVIDENCES

OF

THE HUMAN SPIRIT

एष हि द्रष्टा, स्वष्टा, श्रोता, ग्राता, रसयिता,
बोद्धा, कर्ता, विज्ञानात्मा पुरुषः ॥ प्रश्नो ४, ६ ॥

Yes, the human spirit it is that sees, feels, hears, smells, tastes, wills, knows, does and understands everything. The human spirit is the real conscious man.—Prashna Upnishad. iv.9.

How painful is *ignorance*. *Patanjali* says that ignorance is the only soil where evils can grow and germinate.* And so it is. All the evil of this world is the result of *misdirection* of natural force, ultimately traceable to *ignorance*. Nowhere is ignorance, however, so baneful as when it appertains to the ignorance of one's own self. Under the stunning effect of ignorance people imagine themselves to be deprived of their own vital essence. And the so-called theologies of the world, no less than the materialistic objective externalism of the day, are busy in propagating scepticism, and even downright nihilism, on the subject. As a matter of fact, more is due in this direction to the pious preachings of the so-called religious world than to the sincere and logically-arrived-at convictions of philosophers and scientific men. The conclusions

*Yoga aphorism, ii.4.

arrived at by sincere investigators and unprejudiced, unbiased reasoners, are, at the worst, only doubtful and fluctuating. They terminate in the confession of a mystery or of some definite relation between mind and body. But our wise theologians of all religions go further. Their assertions are positive, dogmatic, and leave no room for doubt. The pious missionary who believes in the perfected political religion of the western world, *i.e.*, popular Christianity refined, returns this unequivocal answer to the query,—What is human spirit? “And the lord God formed man (Adam ?) of the dust of the ground, and breathed into his nostrils the breath of life; and man became a living soul.”* And Muhammed’s doctrine of *Nafakht Fih*, as given in the Quran, is but a reiteration of the same, an echo of the *Biblical* account in every sense. *Thus* is the grand problem of life and death solved by the Muhammedan and Christian worlds alike; and *thus* is the human spirit declared to be a mere breath. Faithful to the instincts of his *atheistic* Christian land, poet-laureate Tennyson thus puts the answer in the mouth of personified Nature :—

“Thou makest thine appeal to me :
 I bring to life, I bring to death ;
 The spirit does but mean the breath :
 I know no more.”†

* Genesis, ii.7.

† In Memoriam, 56, 2.

Not only is the human spirit, then, deprived of its proper functions and powers, but even scared out of existence. Apart from the absurdity of the supposition, for, the Great Eternal Being must have become almost tired—so as to require almost rest on every seventh day—of so constantly blowing out of his exhausting lungs breaths of vital fire to keep alive so many millions of millions of millions of living beings, living upon the innumerable worlds, inhabiting the infinite space, the doctrine is in itself highly pernicious, and misleading. For what can be more pernicious than this, that a human being should be declared to be a void, phantom, a breath, and no more.

Once admit that the human spirit is not a substance or an entity as real as palpable matter (nay it is more real); once admit, like Budhists, that human life is but an evanescent spark passing off like a transient meteor in the sky; or, like Christians, that it is a mere breath; or like modern subjective evolutionists, that 'Spirit' is only a conception inherited by the civilized races from their savage progenitors who formed it, misled by the delusive phenomena of dreams wherein a savage is presented to dream a friend coming and talking to him, whereas, on awakening, he finds that the friend is nowhere, thus giving to the savage a notion, that every human being must have got a corresponding

invisible second self that appears in dreams, but is not tangible; once admit the airy nothingness of the human spirit, and down goes with it the whole fabric of all religion and morality. Can *supernatural* Christianity, with its *gratis* scheme of salvation, be based upon this sand-foundation of spirit-notion ? O vain Christian ! wipe of your theology and your scheme of salvation, for there is a human spirit to be saved. that which you would save, is but a phantom, a mere breath. It is no substantiality. And ye Muhammedans ! get rid of your doctrine of prophetic interposition, for, interposition will only save a phantom that has already disappeared, or would, perhaps be destroyed the next moment. And all ye, who believe in the generation* of human spirit *i.e.*, in its creation out of nothing by the fiat of the Deity, understand that what spang into existence out of nothing will fall back into the chaos out of which it sprang, and be resolved into nothing !

This superstition, or misimpression of the nonentity of spirit, is not confined to the primary strata of religion alone. It has begun to permeate through the civilized world, till it has reached the margin of 'scientific speculation.'

* "Generation, progress and eternal existence are the characteristic of soul." *Brahmo Samaj Tract, "Sadharan Sutram,"* translated by Navina Chandra Rai, Chapter III. Sutra, 35.

“The mechanical theory of the universe undertakes not only to account for all physical phenomena by describing them as variances in the structure or configuration of material systems but strives even to apprehend all vital and physiological phenomena by reducing them to the elements of mass and motion. Thus, Wundt speaking of physiology, says, ‘The view that has now become dominant (in physiology), and is ordinarily designated as the mechanical or physical view, has its origin in the causal conception long prevalent in the kindred departments of natural science, which regards nature as a single chain of causes and effects wherein the ultimate laws of causal actions are the laws of mechanics. Physiology thus appears as a branch of applied physics, its problem being a reduction of vital phenomena to general physical laws, and thus ultimately to the fundamental laws of Mechanics.’” Again, says professor Haeckel in clearer terms, “The general theory of evolution assumes that in nature there is a great, unital, continuous and everlasting process of development, and that all natural phenomena, without exception, *from the motion of the celestial bodies and the fall of the rolling stone up to the growth of the plant and the consciousness of man*, are subject to the same great law of causation—that they are ultimately to be reduced to atomic mechanics.” Not this alone

but Haeckel further declares that this theory which affords a rational explanation of the universe, and satisfies the craving of the intellect for causal connections, in as much as it links all the phenomena of nature as parts of a great unital process of development and as a series of mechanical causes and effects."* Working under the charms of this mechanical theory of the universe, Dr. Buchner, in his "Matter and force," denies even existence to psychology or subjective philosophy. Many regard matter and its chemical workings as sufficient to account for all force and all mind. The notion of personality, immortality or independence of matter are again discarded by some as superstitious and absurd. Thus it is with philosophers and scientific men, who live from day to night in dread of utter annihilation.

Notwithstanding the fact that such materialism has long prevailed and even now prevails in the strongholds of Science and Religion in Western countries, it is remarkable to note that there have been from time to time men who have fearlessly explored the regions of nature and made attempts at understanding and stating the bare truth.

Deep researches in physiology have revealed the fact that the human organisation is endowed with a self-conservative energy. And physicians and medical men in different ages have come to the conclusion, on the basis of their

* Stallo's Concepts of Modern physics, pp. 19-20.

experience with the sick and the diseased, that there is in the human organisation a self-healing power which goes to restore the sick and throw off disease, and that medicines are only aids to this healing power. Thus, Von Helment was obliged to recognise a principle which he called "Archeus," and regarded it as independent of inert and passive matter—a principle that presided over all diseases and inspired the proper medicines with vitality enough to heal or to restore. The same principle was called by Stahl "*anima*" and was regarded as supplying losses and repairing injuries, besides overcoming diseases. The same principle was called by Whytt "the sentient principle." It was differently styled by Dr. Cullen who called it the "*vis medicatrix nature*" ; by Dr. Brown, who called it the "*Caloric*" ; by Dr. Darwin, who named it "*Sensorial energy*" ; by Rush, who called it the "*occult cause*" by Brouais, who called it "*vital chemistry*," and by Hooper, who calls it the "*vital principle*." Living power, Conservative force, Economy of human nature and powers of life, these and many such others have been the names by which the same principle has been called.

Whereas physicians and medical men have proceeded on the one side to the belief in a vital principle, theoretic speculation on biology

has advanced far enough to probe the question of the genesis of life. And honest investigators and sincere writers have been compelled to recognize that, "life, however, may also be considered as a *cause*, since amongst the phenomena presented by all living beings, there are some which cannot be referred to the action of known physical or chemical laws, and which, therefore temporarily, at any rate, we must term vital".*

It has also been maintained that there is a plastic carbon-compound called protoplasm, composed of four inseparable elements—Carbon, Oxygen, Hydrogen and Nitrogen—which is the physical basis of life, and consequently very often the doctrine of organisation-genesis of life has been urged. But to do justice to this physical basis of life, it must be remarked that, although the presence of these four elements apparently fixes it as a physical basis, that it possesses always a definite composition is very much doubted. "It has not yet been shown that the living matter, which we designate by the convenient term of protoplasm, has universally and in all cases a constant and undeviating chemical composition; and indeed there is reason to believe that this is not the case."[†] Furthermore, in consideration of the vital phenomena presented by the lowest animals, sci-

* Nicholson's Manual of Zoology 7th Edition page 7.

† Nicholson's Zoology page 9, note.

tific authorities have been obliged to confess that organisation is not an intrinsic and indispensable condition of vital phenomena. Speaking of Amœba, remarks professor Nicholson, "This animalcule, which is structurally little more than a mobile lump of semi-fluid protoplasm, digests as perfectly—as far as the result itself is concerned—as does the most highly organised animal with the most complex digestive apparatus. It takes food into its interior, it digests it without the presence of a single organ for the purpose; and, still more, it possesses that inexplicable selective power by which it assimilates out of its food such constituents as it needs, whilst it rejects the remainder. In the present state of our knowledge, therefore we must conclude that even in the process of digestion, as exhibited in the Amœba there is something that is not merely physical or chemical. Similarly any organism, when just dead, consists of the same form, and with the same arrangements; but it has most unquestionably lost a thing by which all its properties and actions were modified and some of them were produced. What that something is, we do not know, and perhaps never shall know; and it is possible though highly improbable, that future discoveries may demonstrate that it is merely a subtle modification of physical force. It appears, namely, in the highest degree probable, that

every vital action has in it something which is not physical and chemical, but which is conditioned by an unknown force, higher in its nature and distinct in kind as compared with all other forces. The presence of this vital "force" may be recognized even in the simplest phenomena of nutrition; and no attempt even has hitherto been made to explain the phenomena of reproduction by the working of any known physical or chemical force."*

Speaking of the same, Professor Huxley remarks :—"It seems difficult to imagine a state of organisation lower than that of *Gregarinida*, and yet many of the *Rhizopoda* are still simpler. Nor is there any group of the animal kingdom which more admirably illustrates a very well-founded doctrine, and one which was often advocated by John Hunter, that life is the cause and not the consequence of organisation, for, in these lowest forms of animal life there is absolutely nothing worthy of the name of organisation to be discovered by the microscopist, though assisted by the beautiful instruments that are now constructed. In the substance of many of these creatures, nothing is to be discovered but a mass of jelly, which might be represented by little particle of thin glue. Not that it corresponds with the latter in composition, but it has that texture and sort of aspect; it is struc-

* Nicholson's Zoology 6th Edition pp.12-13

tureless and organless, and without definitely formed parts. Nevertheless, it possesses all the essential properties and characters of vitality: it is produced from a body like itself, it is capable of assimilating nourishment & of exerting movements. Nay, more, it can produce a shell, a structure, in many cases, of extraordinary complexity and most singular beauty.

“That this particle of jelly is capable of guiding physical forces, in such a manner as to give rise to those exquisite and almost mathematically arranged structures—being itself structureless and without permanent distinction or separation of parts—is, to my mind, *a fact for the profoundest significance.*”†

The irresistible conclusion to which the above leads, and which Haeckel also holds is that “the form of their organisms and of their organs result entirely from their life.” It is clear, then, that by whatsoever name it may be called, *life, vital principle, organising principle, occult cause, sensorial energy, vis medicatrix nature, anima* or so many other names, modern scientific world has come face to face with a dynamic physiological reality which they call life. It is no a mere breath, a mere phantom, or a mere product of organisation. It is rather a *subtle, refined,*

†An introduction to the classifications of animals, by Thomas Henry Huxley, L. L. D. F. R. S., London, 1869, pp. 10—11.

dynamic substance, a reality that builds up the organisation, causes growth, vitality, and motion, repairs injuries, makes up losses, feeds, feels, is sentient, originates actions, resists, overcomes and cures diseases. This is the irresistible conclusion to which physiological researches have led sincere inverstigators and philosophers in western countries. Thus it is that they have been compelled to admit a reality, (call it material if it will please you) yet, a reality, which the ancient philosophers of the East styled *Atma* (आत्मा),

If we have purposely avoided mentioning ancient eastern authorities on the subject, it is for the plain reason that India of the present day derives its intellectual activity, faith, belief and conviction mainly from civilized occidental England. Had we, in the very beginning, called evidence from ancient Samskrita authors just to prove even these very positions literally, there is no doubt that these remarks would have been unhesitatingly pronounced as superstitious, whimsical, unscientific and old-grown; although, even after the best evidence from western authors on the subject has been collected, there is not to be found that systematic, exhaustive enumeration of evidence which is the characteristic of a settled or decided opinion.

To come, however, to the proper subject, "Evidence of the Human Spirit" from the stand-

point of *Vaisheshika* philosophy. As already pointed out, the ancient philosophers of Aryavarta styled this vital principle *Atma*. It is one of the nine *dravya* of the *Vaisheshika* philosophers. A *dravya*, in *Vaisheshika* philosophy, is something in which attributes and actions inhere,† or what in English philosophy would be called a substance, or better still, a *substratum*, or a *noumenon*. It is clear, then, that *Atma* is a reality, one of the nine noumena of the universe, a substance in which attributes & actions inhere.

Let us, therefore, divest ourselves of our previous notions concerning the human spirit, so that we may better understand its nature, according to this philosophy. English metaphysicians having generally regarded the human spirit as an immaterial nothing something, have been unable to offer any explanation as to how the mind knows the external universe and acts on it. Regarding the human mind, as, they did, as altogether immaterial *i. e.*, as divested of all the properties of matter, even of the substantiality and extension or space-occupation of matter, they found their intellects compelled to halt, when the problem of the cognition of the external world was presented to them. In vain, did they attempt to solve the problem by referring cognitions to *impressions* of external matter or to

†क्रिया गुणवत् समवायिकारणमिति द्रव्यसत्त्वणम् ।
Vaisheshika; Sutra I i. 15.

correspondences produced by the Divine energy; for the problem still remained the same.

A soft, plastic melting bar of wax is taken, spread upon a surface, and a hard, rigid, solid carved design imprinted upon it. The wax easily takes design upon it. This is the impression on the wax. It was similarly urged that external objects which are material, cannot be perceived by the altogether immaterial spirit directly, for we cannot conceive of any action between things that have no properties in common, for instance, such as mind and matter—mind, which is almost altogether ideal, invisible, impalpable, phantom-like airy nothing; and matter, which is independently existing, external, real, visible, tangible and perceptible. It was, therefore, asserted that what takes place in the perception of things is this:—The sensorium first takes the impression of things external, and it is this impression in the sensorium which is ultimately perceived by the spirit. But this does not solve the problem. For, if the sensorium takes the impression of objects external, however soft, plastic and liquidous the sensorium may be, it must be yet material: for, no matter what the substance may be, a material substance can only leave impressions on a material something. The sensorium, therefore, must be itself material, if it can be impressed by external matter at all. If, then, the sensorium itself be

material, as we are compelled to believe it is, the problem has not been solved; for, the difficulty still remains as to how the altogether immaterial mind can perceive the material and therefore, external impressions on the sensorium.

Some philosophers have maintained that Divine interposition is the only means of getting rid of this difficulty. They, therefore, theorize that the Divine Being, the spirit of God, through omnipotence, works out the material phenomena of nature in the physical external world on one hand, and corresponding internal mental changes directly in the world of mind, on the other; that thus, we are every moment conscious not of a matter and material phenomena, but of corresponding mental phenomena, existing independently by the direct working of the Divine Will. It is needless to say that this theory, instead of explaining the cognition of the external world, cuts short the gordian knot by utterly denying the very existence of any such cognition at all. It not only robs us of our cognition, but robs us of the very external world, for, if we be not conscious of the external world, but of mental changes only, say, correspondingly worked out by Divine interposition, what proof have we that any such external world exists ?

This difficulty of explaining the cognition of the external world becomes augmented still further, when we come to consider the parallel and

correlate question of the action of the human spirit upon matter. Here may lie a heavy mass of iron, say, 20 seers in weight. At the command of the spirit, the arm rises, and the weight is lifted up. Here is another mystery to be explained: How can the altogether immaterial spirit lift up the altogether material and external weight of twenty seers ? Replies the impatient reader, the weight is moved in consequence of the hand. But, who moved the equally material hand ? One may go a step further and say that the feat was accomplished by a regular contraction of the muscles but the muscles are material still. and the question still remains, who contracted the muscles ? Here the vain physiologist may say there passed a nervous current from the brain and straight contracted the muscles. But the question still flutters before the mind, what stimulated the nervous currents ? You answer, the will of the spirit. And here lies the question of the questions, how could the *immortal spirit* stimulate, by his *immortal will*, the solid, white, fibrous, silvery *material* nerves to yield up their nervous fluid and contract the muscles ? It is plain, then, that there can be no escape from the final riddle: and whence this riddle ? Clearly enough from the pre-conceived erroneous notion that the spirit is an altogether *immortal* airy nothing, *phantom-like*, or *breathless* something.

Once admit, as the *Vaisheshika* philosophy teaches that the *Atma* (आत्मा) human spirit, is at least as good a substance as matter, as good a noumenon or substratum as ordinary external objects are possessed of, and it will be clear how substance can act upon substance or be impressed by substance. This peculiar substance, *Atma*, is the seat of two grand manifestations, the voluntary and the involuntary. The voluntary or conscious functions of *Atma* are the functions called cognition, feeling and will : also called *Buddhi* (consciousness), *sukha* (feeling of pleasure), *dukha* (feeling of pain), *ichchha* (desire), *dvesha* (repulsion) and *prayatna* (conscious exertion). These voluntary functions of the spirit have formed the basis of discussions of all metaphysicians who have ignorantly or wilfully neglected the treatment of the other set of functions—*prana*, *pana* or respiration, *nimeshonmesha* or nictitation, *jiwana* or physiologic building and animation, *manas* or sensation, *gati* or movement, *indriya* or activity of the senses, and *antaravikara* or organic feelings. The result of the separation of these two sets of the functions of the spirit has been that schools of metaphysicians and scientific men have been set up in conflict with each other, both denying the substantiality of the spirit. The metaphysicians deny the substantiality of the spirit, evidently on the ground that sensations,

feelings, wills, desires and ideas, perceptions and cognitions have no independent existence of their own, but seem to be manifested only in organized structure. There is, a tendency among metaphysicians, to regard whatsoever is internal or mental as imaginary or as phenomenal, but not as real or substantial. Hence, dealing as they do, with the departments of cognition, feeling and will, they regard the mind no more real than its phenomena. Had they also recognised the involuntary functions of the spirit they would have readily perceived that the *real* something which produces such tangible real phenomena as the building up of structures or the animation of organism, or which produces motion and the co-ordination of motion, is reality that sentiently feels, knows and wills.

On the other hand, the scientific world has been prone to deny substantiality to spirit from the opposite ground that their external phenomenal researches into the functions of organisms could only reveal to them, at their best, the involuntary potencies of the spirit and this could not otherwise happen. For the whole material world, from the psychological point of view, is merely objective existence. The human spirit is the only substance that is both objective and subjective at the same time. The scientific world owing to its materialism and the deep-seated tendency of only depending on sense testimony,

have only sought the objective side of the human spirit, and have therefore, landed themselves into a nihilism which denies the subjective side of the human spirit. Not finding the involuntary tendencies of the spirit anywhere outside of organic matter for, then, they would not be manifest, they have denied to consciousness an independent substratum. For, it is to them more agreeable and uniform to regard life also one of the forces, and since consciousness has no place in this list of forces, it must be the apparent, delusive result of the most complicated working of natural forces. To them matter with its chemical affinity is all sufficient. Had both sets of functions, voluntary, and involuntary of human spirit, been simultaneously viewed, no darkness would have enshrouded the realm of mind. It would have been perceived that the human spirit, in performing what are called the involuntary functions of the mind, behaves just in the same way as different elements of matter do. The spirit, too, with its inherent chemical affinities and dynamic activities, attracts and repels blood from the heart, air from the lungs, and nervous currents of electricity from the brain. This double-phased existence of *Atma* आत्मा is the subject of the following quotation from the *Prashastapadn Bhashya* of Gautama.

आत्माधिकारः ।

आत्मस्वाभिसम्बन्धादात्मा, तस्य सौक्ष्म्यादप्रत्यक्षत्वे सति
करणैः शब्दाणुपलब्ध्यनुभितैः श्रीत्रादिभिरसमधिगमः क्रियते,
वास्यादिनामिव करणानां कर्तृप्रयोज्यत्वदर्शनात्, शब्दादिषु
करणत्वं प्रसिद्धश्च च प्रसाधकोऽनुभीयते । न शरीरेन्द्रियमनसां
चैतन्यं, घटादिवद्भूतकार्यत्वान्मृते चासम्भावात् । नेन्द्रियणां,
करणत्वादुपहतेषु वषयासांनिष्ये चिनुमृतिदर्शनात् । नापि
मनसः करणान्तरानपेक्षित्वे युगपदालोचनानुसमृतिप्रसङ्गात्मवर्य
करणभावात्, पारिशेष्यादात्मकार्यत्वाच्चेतनात्मा समधिगम्यते ।
शरीरसमधायिनीभ्यां च हिताहितप्राप्तिपरिहारयोग्याभ्यां प्रवृत्ति-
निवृत्तिभ्यां रथकम्मणा सारथिवत्प्रयत्नवान्विग्रहस्याधिष्ठातानु-
भीयते, प्राणादिभिश्च । कथं ? शरीरपरिगृहीते वायौ विकृतकम्म-
दर्शनाद्भूताध्ममापयितेव, निमेषोन्मेशकम्मणा नियतेन दारुयन्त्रं
प्रयोक्तेव, देहस्य वृद्धिकृतभग्नसंरोहणादिनिमित्तत्वाद्गृह-
पतिरिव, अभिमतविषयग्राहककरणसम्बन्धनिमित्तेन मनःकम्मणा
गृहकोणेषु पेलकप्रेरकेण इव दारकः, नयनविषयालोचनानन्तरं
रसानुमृतिप्रकमेण रसनविक्रयादर्शनादनेकगवाक्षान्तर्गत-
प्रेक्षकवदुभयदर्शी कश्चिदेको विज्ञायते । बुद्धिसुखदुःखेच्छाद्वेष-
प्रयत्नैश्च गुणैर्गुणैर्यनुभीयते । ते च न शरीरेन्द्रियगुणाः, कस्माद-
हंकारेणैकयवाक्यताभावात्प्रदेशवृत्तित्वादयावद्द्रव्यभावित्वाद्वा-
ह्येन्द्रियाप्रत्यक्षत्वाच्च । तथाहंशब्देन पृथिव्यादिशब्दव्यतिरेका-
दिति । तस्य गुणा बुद्धिसुखदुःखेच्छाद्वेषप्रयत्नधर्माधर्मसंस्कार-
संरूपापरिमाणपृथक् वसंयोगविभागाः । आत्मलिङ्गाधिकारे
बुद्धव्यदयः प्रयत्नान्ताः सिद्धाः, धर्माधर्मावात्मान्तरगुणानाम-
कारणत्ववचनात्, संस्कारः समृत्युत्पत्तौ कारणत्ववचनात् ।

व्यवस्थावचनात्संख्या, पृथक् वमप्यतएव, तथाचात्मेति वचना-
त्परममहत्परिमाणम्, सन्ति कर्षजत्वात्सुखादीनां संयोगस्त-
द्विनाशकत्वाद्विभाग इति ॥

प्रशस्तपादभाष्य आत्माधिकरणम् ॥

The following is a rough and almost literal translation of the above passage :—

“The next substance is called *Atma*, as it is endowed with the property of circulating itself freely in the organism. On account of its being a refined and subtle entity, it is *imperceptible* by the senses; and, hence, its existence has to be inferred from the harmonious play displayed by such instrumental organs as the eye, the ear, &c; for it cannot be doubted that the organs are merely the instruments which, like all other machinery, require an *agent* to work them up. When, besides, the nature of sounds, colours, tastes, &c; is well admitted to be *cognizable*, the existence of a *cognizing being* is natural inference. This cognizing being cannot be the body the organs,* or the *manas*,† the soul or spiritual body, for they are not endowed with conscious-

* By the ‘organs’ is here meant the *Indriya*’s or the senses. The *Indriyas* are the invisible organisation of the spirit as distinct from the visible organs wherein these spiritual organs or powers reside.

† Man is viewed in Samkrita philosophy as a compound of three entities: 1. the gross physical body, called the *sthula sharira*: 2, the spiritual body, here called the *manas*. It is an organisation of the life and sensation principles and is a fine imperceptible intermediate connecting

ness. The body is not endowed with consciousness, because it is the product of the composition of dead, inert and altogether unconscious elements and atoms of matter, just as much common object as the pitcher, &c. are devoid of consciousness. But, further, the body is not the conscious being, because, if unconsciousness were really due to the body, the body would not be unconscious after death; which is not so. Nor are the organs the conscious entities; because, *firstly*, they are mere instruments and, *secondly*, had it been so, their destruction would be always followed by the loss of consciousness, and their existence by the manifestation of consciousness, whereas both alternatives are wrong. Even when the eye gets deranged coloured objects may not be perceived. but they can be remembered, so that consciousness in the state of after memory still remains even on the derangement or destruction of an organ. Also, when the organs are all sound, consciousness may not exist when the objects of perception are not presented to the organs. Hence, the organs are not the conscious entities. Nor is the link between the gross material body; and 3, the internal spirit who is the true man, the central reality that acts, feels, enjoys and is conscious. One of the consequences flowing from this organisation of the *manas* is that it is impossible for the spirit to be cognizant of two impressions at the sametime.

manas (the spiritual body) the conscious being' for, it is an instrument still, and were it not an instrument in the hands of the spirit, it would be possible for spiritual body to be cognizant at one and the same time of more conscious impressions than one, which is not so. Hence is clearly established the existence of a fourth entity other than the gross body, the organs, and the *manas*, the spiritual body."

"The primary inference with respect to the human spirit is that of a *controlling being*. When the driver, by exertion of his muscular power, turns the reins of the horses that pull the carriage on one side or on the other, the carriage obeys the motion, and forthwith rolls on that side. Now, a similar turning of the activities of the body, called *pravritti* and *nivritti*, i.e; application to what is deemed pleasurable and voluntary withdrawal from what is deemed painful, is perceived to take place in our bodies. Our body is thus like a carriage; the driver, *Atma*, regulating by the reins he holds, at his will, the *pravritti* and *nivritti* of the body. Our second inference with respect to the human spirit is that of a *blacksmith given constantly to force wind out of the bellows*. The air, that enters the lungs gets chemically vitiated, and the *Atma* constantly forces it out blowing it through his bellows, the lungs. Our third inference is from the natural nictation of the eyelashes. Just as a *jugglar makes the puppets move at every pull*

of the wires, so the tension of the proper nerves produced by the exertion of *Atma* keeps the eye-lashes executing their movements. Our fourth inference is with respect to the spirit as an *architect*. An architect-master of the house soon builds up an edifice of his house, repairs a gone-down ladder or a worn-up ceiling, and plasters or white-washes his dirty rooms. So does the architect—*Atma*—cause the growth of the yet undeveloped body, repairs its wounds and its fractured or injured part. Our fifth inference with respect to the *Atma* is that of a *child* moving with a stick the spider from one corner of the room to the other. So does the *Atma* move the spiritual body, with the curiosity of a child, from one corner (organ) of the body to the other. Our sixth inference is that of a *spectator* standing in the centre of a circular hall provided with windows on all sides; who can see undisturbed, from his elevated position, through proper windows; what goes on in each direction. A fruit is presented to the sense of sight. The colour only is seen, but the taste of it is soon remembered and outflows the salvia from the tongue in luxuriance of deliciousness. Besides, we infer the existence of a substratum from such attributes as pleasure, pain, desire, hatred, will and knowledge. These attributes do not belong to the body or the organs. For, the ego identifies itself with these attributes but

not with the body or the organs. "I feel, I desire," are true interpretations of the consciousness, but not that the body or the organs feel, desire or are conscious."

"These attributes refer to a substance wherein they inhere, are not to be found in any and every substance, and are not cognizable by the outer senses. Hence they are the attributes of a third something, *Atma*. The attributes of *Atma* are knowledge, feeling of pleasure, feeling of pain, desire, hatred, exertion, morality and immorality, impressibility, number, magnitude, separate existence, connectibility and separability. The first six attributes have been already dealt with. Morality and immorality are attributes of *Atma*, for the human spirit is a responsible agent. The spirit is also impressible, for such impressions alone can be the cause of memory. The ego of each individual being conscious of a different set of enjoyments from the others, and being unable, to present to his consciousness the states and feelings of another individual, it is clear that each human spirit has distinct entity and is, therefore, in itself a unit *i.e.* possesses the attribute "number" As freely circulating itself in the body, it has magnitude. The feelings of pleasure and pain all rise in the spiritual body, and the spirit is only conscious of them by its contact with the spiritual body and through it with the object of feeling. Hence its attributes of connectibility and separability."

To illustrate the reasoning in the above mentioned passage :—

Firstly, it should be pointed out that *Atma* is there viewed as a refined and subtle entity, *imperceptible* by the senses. There exists a prejudice against this view, which it will be well to clear out before proceeding further. The prejudice is to disbelieve all that is *invisible*, *imperceptible* or *uncognizable* by *the senses*. This prejudice arises either from too superficial an experience, or from an exclusive devotion to material or physical pursuits to purely experimental or empirical sciences where the faculties of observation are constantly in demand, but the faculties of reflection, imagination or obstruction are seldom, if ever used. An intimate acquaintance, however, with the phenomena, of these very sciences will prove that the true causes of these phenomena, and therefore the true realities, are always hidden, invisible and imperceptible. Take for instance, the most familiar case of *Gravitation*. Every particle of matter attracts every other particle of matter in the universe, with a *force* in proportion to the product of their masses, and in inverse ratio with the square of their distances. And this *force* the scientific men term *Gravitation*. Observe the infinity of *palpable effects* which the operation of this single law or the working of this single *force* produces. Everything, from the smallest

atom to the most majestic sun, is under its control. Gravitation is the parent of all phenomena of cosmic motions,—of the movement of planets in their orbits, of the movement of satellites round the planets, of the change of seasons, of the flight of comets, of the fall of meteors, tides and ebbs, and of eclipses. And yet, notwithstanding the palpability of its multifarious effects, is Gravitation *itself* palpable or is it a *subtle, invisible, yet real force, existing in nature and revealing its presence by the visible, palpable phenomenal effects it produces*? Or, to take another example, *electricity*. What is this *all-pervading substance*? No particle of matter is without it. Excitable by friction, or inducible by influence, it dwells within the interior of every material body, hidden and unperceived. When the electric current passes through the telegraph wires in the process of the message being transmitted, it passes unawares all the way long, leaving no palpable, visible effects on the wires; but the same invisible, hidden element makes itself felt in the receiving-station by the ringing of the alarm, the sharp clicking movement of the magnet, the motion of the dial; or the jolting of the ink or the pencil. More mysterious still is the working of *magnetism*. There may lie a huge mass of iron, in the shape of a horse shoe, surrounded by a long coil of shellac-covered copper wire, and in its vicinity may lie huge masses of

iron nails, pins, hammers, &c. As yet, the magic of magnetism is not at work. In an instant the current of a strong battery is sent through the coil, and the inert lifeless piece of horse-shoe becomes alive with a strange energy. It avariciously attracts the nails and the hammer, the pins and every other iron around. There is no *visible, palpable* change in the iron of the horse-shoe. But, though unperceived, it is now the playground of magnetism, which, though so potent in its effects and manifestations, is itself subtle and invisible.

It is clear, then, that the true causes of things are hidden, invisible and imperceptible by the senses. Their effects, the phenomena produced by them, alone, are, visible or perceptible. The chief fallacy of reasoning in such cases, consists, in regarding the visible and immediate media of action as causes; whereas, true causes are hidden, and yet real and eternal. If the vital phenomena manifested by living organisms and, above all, by man, have a *cause* at their basis, that *cause* must, of necessity, be hidden, invisible, and imperceptible by the senses and consequently eternal. The subtle, invisible nature of *Atma*, therefore, instead of being an objection against its existence, is, in the true light of things, rather a proof corroborative, an essential consequence of its existence.

Viewed objectively, therefore, *Atma* can only be the subject of *inference*. Now, every inference pre-supposes two things, the something whose existence is to be inferred, and the *certain* data from which such existence is inferred, the ground of inference being some similarity or resemblance. The great problem of inference really lies in determining which similarity or resemblance is to be deemed as sufficient and which as insufficient for the purposes of such inference. The known datum or data, from which the unknown something is inferred, are called, in sanskrit logic, the *linga* and the something inferred is called the *anumeya*. With reference to this question of inference, says Kashyapa, the logician :—

अनुमेयेन सम्बद्धं च द्रसिद्धं तदन्विते ।

तदभावे च नास्त्येव तत्त्वानुमापकम् ॥

“That alone is a valid datum for inference (*linga*) which has, firstly, been known to co-exist with the thing to be inferred at sometime or place, *secondly*, is also known to be present wherever the like of the thing to be inferred exists, and, *thirdly* to be absent wherever the unlike of the thing to be inferred exists.” To take, for instance, a concrete example. From the fall of the barometer is inferred the decrease of the pressure of the air. Let us see if such an inference can be valid inference. The fall of the barometer is known, the decrease in the pressure

is unknown. But we know, from a *specific* experiment (*i.e.*, an experiment conducted at a particular time and place), that decrease of pressure produces fall of barometer. This fulfils the first condition. *Secondly*, similar cases of the decrease of pressure, by whatsoever cause, are attended with the fall of barometer, but the third condition is not fulfilled. It is not true that wherever there is no fall in the barometer, there is no decrease of pressure; for, there may be no fall of barometer although, the pressure may have decreased. The mercury through rise of temperature, expanded and became lighter. Had the same pressure continued, the column of mercury would have risen higher up, but the fall of pressure compensated for the rise and left the mercury apparently where it was. The three canons of Kashyapa, therefore conclusively prove that the fall of the barometer is not the *linga* of the decrease of pressure. Similar reasoning will show that the decrease in the weight of the superincumbent column of mercury is the *linga* (inference) of the decrease of pressure.

Having shown, in general, what data are fit to be the ground of inference, it remains to see upon what phenomena can the inference of the existence of *Atma* be grounded. These phenomena must bear some definite relation to *Atma*, must be known to occur, in some cases where the essential attributes of *Atma* are found; and

there should be no *Atma* where these are not found. These phenomena are of two kinds; *firstly*, the working and the activity of the bodily organs, and, *secondly*, the sensations of which one is cognizant. Hence, it is from these two classes of phenomena that the existence of *Atma* can be objectively inferred. For consciousness being the characteristic attribute of *Atma*, some activities of bodily organs are not only known to be produced by the will of the conscious *Atma*, but there are other activities that are not produced by will but are invariably observed wherever there is consciousness; and besides, in all cases of living bodies dying or of inanimate objects, the organism or the object is devoid of the performance of functions. And so with respect to sensations.

Before proceeding, however, to a detailed enumeration of such phenomena, it will be useful to review a theory that has so often been alleged against the independent existence of *Atma*, and, in the minds of some unoriginal students, so constantly thrown its obstructive feelers against the clear comprehension of the subject on the part of an honest inquirer. That theory is the mechanical theory. We shall show how far the mechanical theory can render an explanation of consciousness.

Leaving apart *Atma*, man consists of three things, *sharira*, *indriya*, and *manas*. *Sharira*, as Gautama defines it in his Nyaya philosophy, (चेष्टेन्द्रियार्थश्चयः शरीरम् ।१।१।), is the solid framework of the body together with the visible organs that are located in it. It is the groundwork of all activity, the seat of all senses and their sensations. The *indriyas* are the fine subtle entities, distinct from, located in, the five visible organs of senses respectively, by virtue of each of which the *Atma* obtains a distinct and definite consciousness of each of the five sensations, smell, taste, colour, touch and sound. The *indriyas* are, accordingly, the invisible internal media of sensation for the perception of the spirit. That they are independent of the visible organs is not to be laughed at. For in many cases, the *tympanic membrane*, the *hammer* and the *anvil* of the ear have been removed, leaving the staples alone, without injuring the sense of hearing. And so with other organs. Indeed, the fact of the senses being independent of the visible organs, instead of, in any way, contradicting our experience, is so clearly borne out by human experience that unsophisticated reason never doubts it. For, “during the hours of physical repose, while the parts of the system are recruiting and reproducing new strength and energy, and while the organs of senses are closed to all external impressions, the mind, free from all obtrusive

and disturbing influences, makes imaginative excursions to different places and contemplates different things in existence. It supposes, it sees or hears; while sometimes it is arrested in its travels by the sound of beautiful music, or by various pleasing scenes which it appears to enjoy. Sometimes it supposes, it walks, feels, tastes, or suffers excruciating pain. It also appears to be irresistible in many places where it had no previous desire or intention to be. During all of these peregrinations, the wave of sound, the reflection of light, the susceptibility of feeling, the pleasure of tasting are all supposed to be enjoyed..... This proves that there is an *internal medium of sensation* by which the mind enjoys its capacity, as if the external were in connection with the world. It proves also that there is a medium existing upon these nerves of sensation, *independent both of internal and external existing causes.*”* This medium of sensation is the *indriya*. And, lastly *manas*, the soul or the mind, is a third entity distinct from *Atma*. Says Gautma in his Nyaya philosophy, युगपञ्चानानुत्पत्तिर्मनसो लिङ्गम् । १ १६ ॥) “The existence of *manas* (mind) is established from the fact that one is only capable of attending to one thing at a time.” It is said of a Greek philosopher that he was engaged in solving a mathematical problem when an army

* Principles of Nature, by Andrew Jackson Davis.

passed by, and he was altogether unconscious of it, till a soldier effected the circle the philosopher had drawn on earth, a fact which alone disturbed the attention of the philosopher. What followed may be left to history. Was that movement of an *army* entirely noiseless ? Were no sound waves propagated when the philosopher was solving his mathematical problem ? Did not the waves enter the cavity of his ear and put to vibration the tympanic membrane, the delicately placed staples and the grain-filled liquid in the internal labyrinths of the ear, in fact the invisible medium of sensation upon the nerves, the *indriya* ? All this did take place but the philosopher was not *attending* to it. There was in the philosopher a *something* which, when engaged in thinking (i.e; solving the problem was not in contact with the internal ear; a *something* whose contact with *indriya* or faculty precluded its contact simultaneously with another. Its contact with an *indriya* and therefore with an organ is what we call *attention*; its separation from this cuts the cords of connection, and the result is what we call *absent-mindedness*. Nor is this *manas* the conscious entity; for, who does not know that all the ideas that our experience has acquired for us lie for the most time in a latent registered state in the brain, or, more correctly, in the *manas* but that each and any of them is *remembered* whenever it is *recalled*.

We have seen what *sharira*, *indriya* and *manas* are. We shall now examine whether any one of them is endowed with consciousness. For, if, barring *Atma* aside, man consists of three substances, *sharira*, *indriya* and *manas*, and each of them be proved to be unconscious or unfit to evolve consciousness, no doubt would remain as to a fourth substance, *Atma*, being the conscious entity. *Firstly*, then, the *sharira* is not the conscious entity, for, it is the product of the composition of dead, inert and altogether unconscious elements and atoms of matter, and all bodies that are the product of the composition of such particles are themselves dead and inanimate. The whole world of inorganic chemical compounds, including watches, steam engines, &c; is an illustration of the principle. Nor are the organic compounds an exception to this law. So long as organic bodies are associated with a living germ, their manifestations remain very much modified and changed, but, when deserted by the enlivening principle, even organic structure fails to show any signs of vitality and consciousness. To be clear still, suppose the *sharira* to be endowed with consciousness. Let us inquire whether this consciousness be inherent in the *sharira*, or mere accidental to it. If inherent, the *sharira* should be conscious even after death, which is not so. If accidental, the statement amounts to saying that we must seek for some other sub-

stance besides the body for consciousness. Nor are the *indriyas* the conscious entities, for, they are mere instruments requiring an agent to work them up. Besides, their presence is not necessarily attended with consciousness as in the case of absent-mindedness; nor is their loss accompanied with the loss of consciousness, for, even when the eye is deranged or altogether removed from the socket, coloured objects may be remembered in consciousness. Nor is the *manas* the conscious being, for, if it were so, it would be directly conscious of every impression and we should observe no such restriction in practice as the inability to cognize two impressions at one and the same time.

A little reflection and calm sound reference to one's own consciousness will convince every one of the entire distinctness of the Ego, *Atma* from the body, its organs, functions, affections, and even sensations. There are two grand general principles which underlie the whole of the above reasoning. The first is the well-known and much-abused principle, *exnihilo nihil fit*. It is enunciated thus :—

नासंतो विद्यते भावो नाभावो विद्यते सतः ।
उभयोरपि दृष्टोन्तरस्त्वनयोस्तत्वदशिभिः ॥ †

“What is *not*, never becomes something and, whatsoever *is*, is never reduced to nothing.”
The wise men have fully measured the entire

† Bhagvata Gita II.16.

truth of both these assertions. Prejudiced, sophisticated, vicious, ignorant minds cannot easily comprehend this. * This is the cardinal principle of all sound philosophy. Creation is simply impossible. The principles of nature only reveal *formation*. For, let us for one moment suppose creation to be possible, and let something come out of *nothing*. This very supposition assumes that there is a *nothing* which can produce something. Hence there are two kinds of *nothing* firstly, the *ordinary* nothing from which nothing, comes out; secondly, this *peculiar* nothing which gives rise to something. Now, whatsoever has many kinds is not *nothing* but *something*. Hence "*nothing*," which is of two kinds, is not nothing but something. Or, something can only arise out of *something*. The reverse of it is simply inconceivable. The second principle, which may be regarded as the corollary of this, is thus formulated in Vaisheshika philosophy :—

कारणगुणपूर्वकः कार्यगुणो दृष्टः । †

"The effect only reveals whatsoever pre-existed in the cause. No new attribute can spring up." If these two principles were vividly and constantly kept before the mind, one would be quite safe from the attacks of unsound reasoning. But our materialists of modern times,

* Svami Dayananda : Sattyaratha Prakash, page 222,
3rd Edition.

† Vaisheshika, Sutras II, i. 24.

who hold the mechanical theory to be sufficient for explaining the phenomena of the universe, are not only content with forgetting these two principles, but openly and broadly contradict these very innate conceptions of the human mind. Says Charles Bradlaugh,—“Religionists seem to think that they avoid the difficulty or turn it upon us, by propounding riddles. They analyze the body, and, giving a list of what they call elementary substances, they say : Can oxygen think ? Can carbon think ? Can nitrogen think ? And when they have triumphantly gone through the list, they add, that as none of these by itself can think, thought is not a result of matter but quality of soul. This reasoning at best only amounts to declaring : ‘We know what body is, but we know nothing of soul ; as we cannot understand how body, which we do know, can think, we therefore declare that it is soul which we do not know, that does think.’ There is a still greater *fault* in this theological reasoning in favour of the soul, for, it assumes, contrary to experience, that no quality or result can be found in a given combination which is not also discoverable in each or any of the modes, parts, atoms, or elements combined. Yet this is *monstrously absurd*. Sugar tastes sweet, but neither carbon, nor oxygen, nor hydrogen, separately tasted exhibit sweetness; yet sugar is the word by which you describe a certain combination.

of carbon, oxygen and hydrogen, I contend that the word "soul", in relation to human, vital, and mental phenomena, occupies an analogous position to that which used to be occupied by such words as "demon" "genii," "gnome" "fairy," "gods" in relation to general physical phenomena,"*

Is this sound philosophy? Does Charles Bradlaugh think that, if this soul-hypothesis cannot explain the phenomena of consciousness, his material atoms can? Here is his answer:—

"The ability to think is never found except as an ability of animal organisation, and the ability is always found higher or lower as the organisation is higher or lower.....The orthodox maintainers of soul.....contend that what they call the soul will live when the human being has ceased to live, but they do not explain whether it did live, before the human being began to live."† Here Charles Bradlaugh speaks of the Christians, for the Vedic philosophy verily establishes the eternity, and hence the pre-existence of human spirit. Further on, he says, "The orthodox contend that what they call the elementary substances, taken separately, do not think, therefore man without a soul cannot think, and that as man does think he must have a soul. This argument, if valid at all, goes much too far; a trout thinks, a carp thinks, a rat thinks, a dog thinks, a

*Charles Bradlaugh : 'Has man a soul?' p.4-5.

†Charles Bradlaugh : 'Has man a soul?' p.5.

horse thinks, and, by parity of reasoning, all these animals should have immortal souls."** And undoubtedly they have; but timid Christians are afraid of confessing it, and hence the righteous attack of Bradlaugh on orthodox Christians. His arguments, instead of invalidating any of the principles of Vedic Philosophy, rather prove it. But to return to the first quotation from Bradleugh. Evidently we cannot explain how body can think, and so long as the principle, *ex nihilo nihil fit* remains true, and its reverse utterly inconceivable no man shall ever understand how body can think. What, then, is the irresistible conclusion ? Evidently this, that if the existence of consciousness is ever to be explained to the understanding, it should be, not by referring to body or elements of which it is composed, but to something, to begin with, not body. This something, with respect to which nothing more is predicated than "the cause of thinking that is no body," may be conveniently termed the *spirit*. or, as the English word puts it, the *soul*. What harm is there, then, in declaring that "*it is the soul*, (about which we predicate no more than what has gone before) *that thinks*." And yet Bradlaugh has to find fault with this. And further, he contradicts the very two principles enumerated above and says that the assertion, that no quality or result can be formed

* Ibid p. 5.

in a combination that is not discoverable in the elements of combination, is monstrously absurd." He adduces the illustration of sugar, and says the elements of sugar do not taste sweet, but that sugar does. Is not this a superficial reasoning ? Has no one, in a dream, ever tasted the sensation of sweetness ? And yet there is no sugar, no certain combination of carbon, oxygen and hydrogen there. Sweet taste is not in the sugar, for if it were, no one could ever dream of tasting sweetness, and hence it need not be in the carbon, oxygen and hydrogen of which sugar is composed. It is enveloped in a certain agitation of the proper nerve, and the specific combination of carbon, oxygen and hydrogen, known as sugar, only serves to set free by chemico-electrical energy of dissolution in the saliva of the tongue, a definite quantity of energy, which produces the agitation of proper nerve, and hence the sensation of sweet taste. In dream, this agitation is produced, not by external means, but by internal ones. The case of sugar is, therefore, a further illustration of our principle, instead of being a refutation.

But there are materialists wiser than Charles Bradlaugh, who, instead of denying the two grand generalisations of philosophy above mentioned, rather take a stand upon them, and bring in the world *latent* to rescue the mechanical theory from its intrinsic inability to

explain the fact of consciousness. They are no better, for, as we shall see, they are the victims of a graver logical fallacy. They reason thus:— It is true that in the act of combination, no new qualities or results are produced, but it very often happens that the process of combination or organisation forces out that which was formerly latent, and makes it manifest. For instance, gunpowder, when heated, possesses the power of exploding. The explosive power is already latent in the gunpowder, and the act of firing only renders manifest what was latent. To explain it further. It is well known that wood or charcoal when heated in the presence of oxygen burns. It is also well known that friction and percussion develop heat. And it is well known as well that if part of space is filled up with a quantity of a gas, more than it can hold at ordinary pressure, it will expand and will propel any body in the way of its expansion. The propulsion of cork from soda-water bottles is a familiar illustration. And, lastly, it is well known, too, that heat expands gases, and that gases occupy so many hundred times more space than the same substances in the solid condition do. All these are well-known and familiar truths; yet the manufacture of gunpowder is not an obvious invention. Why? Because, we require a definite arrangement of substances and forces to gradually and naturally evolve desired

result. We want explosion. Now explosion means propulsion of shot. Let, therefore a gas expand against shot. But whence are we to get a pressed or squeezed quantity of gas to expand ? Evidently from a solid that by decomposition might evolve a gas and large quantity of heat. This gas is to be the carbonic acid, the gas of the soda-water, and the heat is to come from chemical action, But carbonic acid is the produce of carbon and oxygen. Hence the solid mixture must contain charcoal, the source of carbon, and saltpetre or nitre, the source of oxygen. The primeval concussion is to be the source of the fire applied to the charcoal. Hence gunpowder is an ultimate mixture of charcoal, sulphur and nitre. A chemist* thus explains its action. "The general decomposition which occurs when gunpowder is fired may be expressed by saying that the oxygen of the nitre combines with the charcoal forming carbonic acid and carbonic oxide, whilst the nitrogen is liberated, and the sulphur combines with the potassium (of the nitre). Hence, gunpowder can burn under water or in a closed space, as it contains the oxygen needed for the combustion in itself; and the great explosive power of the substance is due to the violent evolution of large quantities of gas, and a rapid rise of temperature causing an increase of bulk, sudden

* Henry E, Roscoe; Lessons in Elementary Chemistry.

and great enough to produce what is termed an explosion." It is thus clear that in the process of combination only the properties that were latent become manifest. Hence it is argued that the specific combination of matter, which we call the organism of man, develops or renders manifest the latent consciousness of matter. Hence, there is no conscious spirit. Matter with its infinity of properties is enough to explain all consciousness. Let us weigh this doctrine of "latent consciousness" carefully. When a pound of ice is taken and a thermometer inserted in it, and the whole heated, a large quantity of heat is absorbed till the whole of ice becomes water. This heat has no effect upon the thermometer. Or, if the hand were dipped in ice till the whole of ice were converted into water, the hand will not feel any sensation of warmth. Heat is, in this case, said to become latent in water. This example is enough to show that any quality or property of which there is no consciousness for the time being, but which begins to be felt under proper conditions, is said to be latent. Now what is meant when it is said that the latent consciousness of matter becomes manifest ? Can there be any latent consciousness ? Can any one conceive such a jargon ? All properties of substances that are external to us, or are objective but not subjective, may be conceived as existing and not exciting consciousness ? But can

any one conceive a consciousness that is not consciousness? For, what is *latent consciousness*, but a consciousness of which there is no consciousness, or an unconscious consciousness? *latent consciousness* is no more a reality than a circular square or not-white white. It is a contradiction in terms. This entire reasoning is based on a real ignorance of the signification of consciousness. It is simply a *hetuabhasa* (pseudo-reasoning) arising out of the metaphorical misuse of the word *latent* when applied to consciousness.

We will also here mention the physiological theory which is in vogue at present with scientific men and philosophers of the experiential school. This theory is another attempt to reduce consciousness to the terms of matter and motion. It establishes that brain is not only the principle organ of mind, but that the nerve currents generated in the brain are the whole source of the mind we know. Says a writer: "The brain is highly retentive of the impressions made upon it, they are embodied in its structure and are a part of its growth. They may be reproduced on after occasions, and then what we find is a series of currents and counter-currents, much the same as what existed when the impression was first made. When the mind is in the exercise of its functions, the physical accompaniment is the passing and repassing of innumerable streams of nervous influence.

Whether under a sensation of something actual or under an emotion or idea, or a train of ideas, the general operation is still the same. It seems as if we might say, *no current, no mind.*** To it might be added what Herbert Spencer gives in one of his volumes on Synthetic philosophy. After stating how water, nitrogen and carbon establish the easily modifiable nature of the brain, he goes on to state that the nature of the current is the dislodgment of energy, and that all cerebral action is simply a case of dislodgment of energy. The brain centres may be compared to wound-up springs. The nerves by their agitation start the first movement of the spring, and the brain centre begins to unwind itself. To show the merits and demerits, or the explanatory limit, of this hypothesis, let us consider the question, as to how is the consciousness of differences in *degree* and *quality* produced and how are these two kinds of differences differentiated in pure consciousness. Every one knows what qualitative and quantitative differences (*t.e.* those belonging to quality and degree) are. Two tons of soap differs from five tons of soap in quantity. But glycerine soap differs from carbolic soap in quality. Similarly our sensation, subjective experiences, also present differences of degree and quality as well. The taste of an ounce of sugar dissolved in two tumblers of water differs in *degree* from the taste of the same dissolved in five. But the

* Alexander Bain; *Sense and the intellect.*

sensation of taste differs from the sensation of colour in *quality*. The question is, how man came to know that there are any such things as a difference of degree, and a difference of quality ? and, *lastly*, How does he distinguish between these two ? Here is an account of both on the dislodgment theory, which will render its futility very plain:—

Whenever molecular energy is dislodged at the conscious centres of the brain, consciousness is the result. Now on this hypothesis, consciousness of differences in degree results from the disengagement of greater or less quantity of molecular energy from the same centres of the brain. Differences of quality, which objectively arise from sensation being transferred from distinct separate extermitics, or, organs, through different channels, will be subjectively consciousnessed on this hypothesis, by the disengagement of molecular energy from different centres of the brain. Thus far, the explanation may proceed without error. But why should disengagement of molecular energy at one centre of the brain produce a consciousness qualitatively different from the consciousness produced by the disengagement of energy at another centre. still remains a problem.

Perhaps some would suggest that the chemical energy disengaged at different centres is disengaged by disintegration of atoms of differ-

ent elements, or atoms of different compounds, and hence the different sensations experienced. But even if it be so, the question still remains the same. For, whether it be the energy disengaged by the composition of this compound or that, or by the setting free of the elements of this atom or that, the energy disengaged is energy still. And the only difference that we can conceive between the energies disengaged at two different centres of the brain, is the difference of quantity or degree and not of quality for, energies disengaged are energies still. Hence we should only be conscious of difference of degree, even if molecular energy is dislodged at different centres of the brain, an assertion which is against all experience. We have shown how differences in quality cannot be explained by the theory of disengagement of molecular energy. It is at this stage that the physiological hypothesis remains at a stand-still in reducing consciousness in terms of energy.

We have thus shown how all materialistic explanations fare. It remains now to state the true objective inferences regarding *Atma*. The first inference is from the structure of the nervous system with which man is endowed and its connection with muscular movement. The brain consists of collections of grey matter, called brain-centres from which proceed fine white silvery threads, called the nerves. Some

of these nerves, called the motor nerves, terminate in muscles, which are appropriated for definite motions. The function of the nerves is mainly that of a conducting medium like the telegraph wires. The brain centres originate the influence that is sent through the nerves to the muscles that obey the influence. This influence is called the nervous current. Thus is the apparatus of movement constructed in the human organism. Suppose, I desire to move my hand. At the command of *will*, the proper brain centre yields forth the nervous current which, travelling through the proper nerves, producing the contraction* of the desired muscles and forthwith moves the the hand. This working of the muscular and nervous system proves the existence of a *willing controlling agent*. A very fit parrallel of this is the case of the driver, turning by the exertion of his muscular power, the reins of the horses that pull the carriage. The driver is the *willing controlling agent*. The hand of the driver that yields the impetus to the reins is the *proper brain centre* that yields the nervous current to the nerves. The *reins* are the nerves and the *horse* is the *muscular organ* which it is desired to move. The *Atma* is, therefore, regarded as the *rathi*, the driver of the body. This is the first inference.

The second inference is from the action of lungs. There is in the act of respiration, an inspiration, (a holding of the breath within,)

and an expiration. In the act of an inspiration by the motion of proper membranes, the air of the atmosphere passes within the lungs to oxidize blood, convert carbon into carbonic acid burn off other impurities. Says Manu:—

दह्यन्ते ध्मायमानानां धातूनां हि यथा मलाः ।
तथेन्द्रियाणां दह्यन्ते हे षाः प्राणस्य निश्चात् ॥

The goldsmith by blowing strongly against a piece of impure gold removes its impurities by oxidation. So a proper blowing of the lungs produces the removal of all impurities of the body and bodily organs by oxidation.

Hence this vitiated, chemically changed air, now laden with carbonic acid and other impurities, is further expelled by the act of expiration. This process is continually kept up, and thus by the cyclic movement of expiration and inspiration, the body expels its waste matter, renovates its blood, derives strength and nourishment from the invisible elements of the air, and repairs losses and injuries. The process argues the existence of a blower. To make the inference clearer, let us take the case of a goldsmith or blacksmith blowing with his bellows air into the furnace, against a piece of gold or iron; when the air is forced out of the bellows into the furnace, a certain muscular force has to be exerted. But it requires no exertion on the part of the smith to fill the bellows again with air. So with the lungs. The expiratory function is

under the control of the will. But inspiration is a purely involuntary act. Hence it is clear that the structure of the lungs displays the activity of an *agent* that constantly blows the air out.

A similar inference may be drawn from the phenomena of the winking. This function, too, like the lungs, is controllable by will, but even in its ordinary performance it is so exact and regular that it has been aptly compared to the movements of puppets at the hand of a skilled master. Winking may be artificially produced by touching the inner surface of the upper eyelid with anything solid, when the spasmodic flutter produced will most vividly bring out the motion of an interiorly residing hidden master, at whose command the flutter is produced, like the dance of the puppet, in the effort to remove any such foreign material.

The physiological phenomena of recuperation and growth are, above all, most suggestive. The spirit, in the process of the growth of the organism, builds up by its interior anatomy all parts of the body proportionately. repairs the injured parts, heals the wounds and more remarkable still, puts forth an intrinsic effort to shake off all disease and disturbance. This power of the spirit, as an architect, is well known and has given rise to such terms as the "conservative" powers, or "economy" of the human organism. A true appreciation of this

fact has also given to a noble school of physicians who regard the human organism as a self-healing institution, the medicines occasionally given under this treatment being meant to assist nature and not to counteract disease. Concerning this physiological power and other allied functions of the human spirit, says a medical authority. "By materialists it is said that digestion is caused by the action of a certain organic matter called *pepsin* in conjunction with several free acids called lactic, acetic, hydro-chloric. While the truth is, especially in mankind, the peristaltic movement in the alimentary channel like the motion of the innumerable glands in the mucous membrane, and therefore digestion itself is caused independently of the many wondrous cerebro-spinal centres, by the *soul-principle* acting through the filament of the sympathetic system, which is the residence and fulcrum of the automatic instincts and especially of those *vital self-intelligent* principles which flew from the ethers and essences in the constitution of nature into similar substances in the spiritual organisation of man. Hunger, therefore, is a universal voice of the soul in behalf of itself and the dependent body; and digestion is an appropriation by the soul of whatsoever is supplied for the upbuilding of both itself and body."

Lastly, the complicated relations into which the passive organs of sense enter with the active

vital organs, offer a most strong ground of inference for the existence of *Atma*. The colour or the smell of an object soon recalls its taste, and the idea of its taste immediately stimulates the tongue to secrete large quantities of saliva as if in readiness to eat the substance. It is, in fact, by this very process that large quantities of saliva are obtained for experimental purposes from the tongues of the dogs by presenting to their sight delicious dishes of the fleshy food, without actually allowing the dogs, at least for the time being, to partake of it. Such, indeed, is the complicated relationship of the functions of the organs of the sense and of the vital organs, that serious diseases may be started up or caused by the associations thus started up by a single perception. All these facts lead to the inference of a central conscious being here called *Atma*.

PECUNIOMANIA

Under this head, we propose to deal with the question "how far the pursuit of wealth is a healthy pursuit."

Says manu, II. 13 :—

अर्थकामेष्व सर्कानां धर्मज्ञानं विधीयते ।

धर्मं जिज्ञासमानानां प्रमाणं परमं श्रुतिः ॥

It is only those who stand aloof from the pursuit both of wealth and of carnal pleasures that can ever obtain a knowledge of true religion. It is the duty of every one who aspires after this object, to determine what true religion is by the help of the Vedas, for, a clear and perfect ascertainment of true religion is not attained altogether without the help of the Vedas.

In the verse quoted above, Manu maintains three propositions; *first*, that the pursuit of *artha* (wealth), is opposed to the acquisition of the knowledge of true religion; *secondly*, that the pursuit of *kama* (carnal pleasures) is opposed to the acquisition of the same; and, *lastly*, that the study of the Vedas is necessary for those who would make it their business to investigate true religion.

The first and second propositions of Manu may be regarded as one; for the pursuit of carnal pleasures is, in the majority of cases, so interwoven with the pursuit of wealth that it

is generally impossible to command the gratification of the former without a previous inordinate accumulation of the latter. We take, therefore, the first half of the verse of Manu to mean that an inordinate pursuit of wealth is inconsistent with the acquisition of true knowledge of religion, and this will be the subject of the present chapter. The second half of Manu's verse, we shall deal with at some other time.

Had Manu lived in the present nineteenth century—the cry of which from all quarter is 'the struggle for existence,' or the survival of the fittest,' the demand of which is ever something *practical*, either in the shape of money, or of goods, or of materials it would have been very bold of him to have asserted the proposition conveyed in the first line of his verse quoted above; for, the actual meaning of it will be that men of present generation, immersed as they are in *practical pursuit of wealth* are *not qualified* for an understanding of the truths of pure religion. This assertion of Manu, no doubt, seems to be a very sweeping and insulting one. It is, nevertheless, nothing but true. For the light of religion only dawns on the soil of abstraction, meditation, mental quiet, and contemplation. And the headlong pursuit of wealth, in which the present practical world is wholly absorbed, is so very prejudicial to the growth of these mental conditions, that, in the

interest of *truth*, *religion* and *higher human nature*, it has become needful for the busy practical world to reconsider its position, and at least, to bestow a thought before plunging into the active labor entailed by the predominant principles of *Jealousy*, *Competition* and *Ambition*. It is true that, under the stimulation of these powerful incentives for material progress, man has become neglectful of his higher duties to *Truth*, and so very true it is that even eminent men of science have begun to feel the dangerous and disgraceful efforts of this tendency. Remarks Dr. White, President of Cornell University :--

“We are greatly stirred, at times, as this fraud or that scoundrel is dragged to light, and there rise cries and moans over the corruptions of the times; but my friends, these frauds and these scoundrels are not the corruptions of the times. They are the mere pustules which the body politic throws to the surface. Thank God, that there is vitality enough left to throw them to the surface. The disease is below all, infinitely more wide-spread.

“What is that disease ? I believe that it is first of all *indifference*—indifference to truth as truth; next *scepticism* by which I do not mean inability to believe this or that dogma, but the scepticism which refuses to believe that there is any power in the universe strong enough, to make the thorough search for truth, safe in every line of investigation; thirdly, *infidelity*, by which I do not mean want of fidelity to this or that dominant creed, but want of fidelity to that which underlies all creeds, the idea that the true and the good are one : and, finally, *materialism*,

by which I do not mean this or that scientific theory of the universe, but that devotion to the mere husks and winds of good, that struggle for place and self, that faith, in mere *material comfort and wealth* which eats out of human hearts all patriotism and which is the very opposite of the spirit that gives energy to scientific achievement”*

Here is an eminent man of science complaining that the society is at present pested with four fatal diseases, *indifference, scepticism, infidelity, and, finally, materialism*. And the cause of all this is evidently the *modish worship of mighty matter and money*.

In order that this truth may be more easily brought home to the earnest reader, let us cast a look upon the large number of lawyers, physician, capitalists, tradesmen, engineers, contractors, clergymen, *educationists*, clerks, and other life-draggers in the innumerable fashionable professions of the day, that swarm in our own country, and whose main object, in choosing the very professions they hold, is the hoarding of the shining gold, so alluring to the jaundiced eye of the competition-sick *practical man*. It is in vain that we seek for a rational explanation of the existence of these harassing professions on the grounds of benevolence or of rational usefulness. But for the *filthy lucre* they bring, these professions would never have sprung

* President White's Address, Appendix to Lectures on 'Light' by J.Tyndal, Third edition, 1882 pp.238-239.

into existence. Bees do not hum and buzz so thickly on a lump of sugar, as do lawyers and traders, physicians and contractors at the shrine of money. It is literally true that money is *the God* that is *more* worshipped than the God of Nature.

Nor is that alone, money being the pursuit of almost all. Nay, it is the topic of topics. There is the self-styled reformer bewailing over the extreme *poverty* of his country, over the consequent misery, sin and crime that prevail. He is awfully pained to see that arts do not flourish in his country. By long and tiresome efforts, he succeeded in establishing an institution that might have richly improved the resources of the material prosperity of his country, but his disappointment is past all description at the fact that the institution is soon doomed to starvation. Thus meditates the reformer in his solitary moods:—Our country is poor, because we have no wealth; sin and misery prevail, because we have no wealth: arts cannot flourish, because we have no wealth; institutions cannot live long and succeed, because we have no wealth. From all sides is the ambitious reformer repelled towards the problem of wealth. He employs his gigantic material intellect in the solution of this problem. Individual enterprises alone can render his country wealthy; but how can individual enterprises be undertaken without

money ? Perhaps, there is another solution. He would introduce machinery into his country, and that would yield rich harvest of wealth and opulence. But machinery is costly, and a poor country cannot buy it. Or, perchance, our reformer is a *protectionist*. He would not import machinery or foreign improved modes of carrying on industry, but would encourage and foster native manufactures. Unfortunately for our reformer, unwise human nature is made after cheapness, and competition falls, with its direful axe, the structure of *protection* so carefully raised by the reformer.

There is the materialistic philosopher. What a charming thing is civilisation ! In accordance with his superficial modes of philosophizing, he analyzes civilization into its elements, and discovers the whole fabric of civilization to rest upon wealth. Steamers and locomotive engines, telegraphs and post office arrangements, printing presses and labor-economizing machines would vanish into mere coal, iron and sand —fruitless articles—without the mighty, labor-sustaining hand of wealth.

Nor is this the case with the reformer and the philosopher alone. The politician, the statesman, the newspaper-writer, the public lecturer, each in his turn, is hurled back upon the problem of wealth. And thus the world, in its talks and conversations, lectures and public

meetings, private meditations and silent reflections, echoes and re-echoes "MONEY," till the whole fabric of society begins to reverberate, and the atmosphere is filled with phantoms of a like nature.

Reader, carefully observe the ephemeral bustle and transient activity of the so-called civilized society. Do you not note that at least seventy-five percent. of the phenomena that find their way to publicity in the civilized world, owe their origin to the love of power, love of enjoyment (*i.e.*, of pleasure of the senses), love of honor, love of superiority, love of fame, and love of display ? why is it that the master extracts obedience from his servants ? Why is it that men always desire to move in circles of society higher than their own ? Why is it that so many *reises* and *rajahs* would willingly incur or maintain useless *regal* expenditure, but to win mere empty titles of Rajah or Rai Bahadur, or Sardar Bahadur ? Impelled by imperious love of power or love of superiority, love of honor or love of fame, love of display or love of enjoyment ! And where is the mighty engine to manufacture means for the gratification of these basely, inordinate, selfish loves ? It is MONEY.

Again, go into the lower strata of society, (by *lower*, I mean *lower* morally, and not necessarily socially,) and see what part the

feelings of jealousy, anger, envy, rivalry and competition play in that blind rush of living forces called civilized life. The constantly increasing litigation, the strifes and feuds of nobility, the corruptions of court and police, the life-sucking exhaustion of competitive candidates—all bear testimony that the society is at present deeply agitated by wretched feelings of jealousy, envy, rivalry and competition, so unbecoming of man. Where would you find the man, who, although of benevolent nature, would restrict the operation of vengeance or anger ? In the civilized society, hardly any ! Perhaps, the poverty-stricken, misery-laden wretch, who has not the means to practice the dictates of his rebellious nature, but has only the misfortune to be subject to disappointment and melancholy, may be found, here or there, dragging his life with impatience and restless nightmare. O, If he had the power to wreak his vengeance upon oppressing civilized society ! Does not all this, again, appeal to the potency of mighty MONEY.

Immitation is the grand princidle upon which society is at present constructed. Imitation is the *fulcrum* upon which hinges the mighty lever of society. Not to speak of custom, fashion, dint of beaten groove, fear of idiosyncrasy, all of which spring in one way or other from the parental principle, *imitation*.—even in matter of religious belief, or in the department

of opinions, ninety percents of the inhabitants of the world are swayed by the influence of the same all-pervading principle, Imitation. Speaking of the same ape-like faculty of Imitation, J.S Mills says :—

‘In our times from the highest class of society down to the lowest, every one lives as under the eye of a hostile and dreaded censorship. Not only in what concerns others, but in what concerns only themselves, the individual or the family do not ask themselves—What do I prefer ? Or, what would suit my character or disposition ? Or what would allow the best and highest in me to have fair play, and enable it to grow and thrive ? They ask themselves, what is suitable to my position ? What is usually done by persons of my station and pecuniary circumstances ? Or (worse still) what is usually done by persons of station and circumstances superior to mine ? I do not mean that they choose whas is customary in preference to what suits their inclination. It does not occur to them to have any inclination, except for what is customary. Thus, the mind itself is bowed to the yoke; even in what people do for pleasure conformity is the first thing thought of, they live in crowds, they exercise choice only among things commonly done : pecu-

liarity of taste, eccentricity of conduct, are shunned equally with crimes; until by dint of not following their own nature, they have no nature to follow: their human capacities are withered and starve; they become incapable of any strong wishes or native pleasures, and are generally without either opinions or feelings of home-growth or properly their own. Now is this, or is it not, the desirable condition of human nature ?'

Such, then, is the imitation. Who can resist its imperative influence ? Can one see the busy, practical world,—lawyers, physicians, engineers, contractors and all—running mad after the pursuit of MONEY; can one hear philosophers, politicians and patriot, all with one cry extolling the efficacy of glittering GOLD; can one see the enthusiastic admirer of civilisation confessing the omnipotence of the PECUNIARY deity; can one observe the aristocratic huters after ease, pleasure and comfort; the ambitious suitors of power, distinction or title, offering libations at the shrine of MAMMON; or can one mark anger, revenge, envy, rivalry and jealously, all supplicating PLUTUS, to bestow them means of their gratification, can one see all this, and yet not swear fealty to the sovereign power, GOLD ?

By dint of imitation or example, man is pushed from right to left, to seek MONEY. Society is a whirlpool, wherein are caught all swimmers on the current of life, tossed with violence hither and thither, now hurled this way, and then the other—till man is no better than a '*money-making machine*.' Is not this state of society deplorable ?

See what a wreck of nobler feelings this *love of money* makes. Duty clashes with interest. Evils are shielded under the suppressing power of Mammon. The dictates of higher human nature are cruelly set aside and trampled under foot ? Physicians, instead of disseminating the knowledge of physiology and making the laws of health public, disguise even simple diseases and medicines under the garb of foreign names, and the modes of their preparation under the mysterious symbolism of prescription. The numerous host of physicians, now existing in the country, instead of wisely administering to the destruction of diseases and blooming of cheerful health, earnestly pray; every day, that men endowed with purse and power to pay should fall sick oftener, and suffer more frequently. Lawyers, instead of breeding feelings of peaceful friendship and encouraging reconciliation, encourage feud and strife, and fan the flames of haughty pride or revengeful animosity. Tradesmen, instead of administering to the wants

and needs of the people, and regulating with justice the law of demand and supply, get all they can, and give as little, keep their trade recipes secret or patented, and delude the ignorant consumers with adulterated materials. Even the preacher or the clergyman, whose business it should be to bestow consolation of simple truth and morality, and to shed the sacred blessing of religious piety and spiritual light, revels in the grand *money-making* scheme of winding up his lengthy, glooming, affected, hypocrisy-infected sermons with a mysterious nonsense, which he himself does not and cannot understand.

It is thus alone that urged by the society born instinct of hoarding money, the physician and the clergyman, all alike, are led to the perversion of their duty and avocation. More serious still are other evils into which the society is plunged, but for the possession of wealth. There is the rich wine-dealer, or the opulent tobacco or opium-seller, suffered to live and flourish by his trade in society, and no one ever casts a look of disgust or disapproval at him, simply because he is rich. There are thousands of poor innocent people charged with crimes they never committed, and are punished; but the wealthy-culprit' armed with bribe or corruption, influence or intercession, escape with impurity. Inspite of the inspiration of poet and philosopher to the effect that all man-

kind are kin, in spite of the weak whisperings of pure religion that all are children of one common father, the wealthy class is fostering inequality by its constant aggressions, oppressions, iniquities and tyrannies inflicted upon the weak and the poor. Under the strong infatuation of money, even the graduating student forsakes his tastes and inclinations, if he has any, and although fully confident of his intrinsic unfitness for the profession he chooses, he rushes into medicine, law, engineering and service, and floods the world with the consequences of his iniquitous calling. And the newspaper writer, who is never ashamed of calling himself the leader of public opinion, without a pang, delivers up his conscience, and feeds the vanity of the party that supports him. Read the degenerate newspaper literature—for newspaper literature is seldom reforming, regenerating or elevating—and you will see, how little is devoted to sound advice, true leadership, or to the cause of justice and truth, and how much to party-feeling, sentimentalism, race-prejudice, selfish bias, and wilful misrepresentation. All benevolence and disinterestedness is affected for mere show and ceremonialism, and in truth and in heart, exchanged for base selfishness and combatant sectarianism. Is this humanity?

The conclusion that irresistibly flows from the above consideration is, the '*love of money*'

is now-a-days a disease, a form of insanity. Modern science of pathology would be imperfect and incomplete without a record this discovery of the widest-prevalent disease, that at present infects society and saps the very foundation of morality and religious feeling.

This disease is to be styled “PECUNIOMANIA,” for, like all other forms of insanity, it produces destruction of mental equilibrium and generates incoherency of thought: it communicates an irrevocable bias in one direction withdrawing the human mind from all other channels of activity, and exercise; and lastly it creates an over excited condition of the whole system, incompatible with moderation, or normal exercise of functions. Like many contagious diseases, cholera and the like, it spreads its germs of destruction most profusely, and most widely, and is easily caught by the susceptible organisation of man. And like hereditary diseases, this is also transmitted from father to son, from brother to brother, and from companion to friend. Hence :—

Precuniomania is a disease of the type of Insanity, very contagious, transmissible by heredity, incurable or hardly curable, of the most virulent type.

In order that the appreciating reader may have no difficulty in diagnosing the disease we give below its more remarkable symptoms, Its

symptoms are :—insatiable thirst, or ambition; always hungry stomach; a phlegmatic (filled with indifference) and splenetic (peevish) temperament; extreme sensitiveness and irritability; strong heart-burn of animal and human passions; restlessness; anxiety and sleeplessness; fits of pride, power and feverishness; paralysis of moral and spiritual faculties, insensibility to impressions ultra sensual or not physical; extreme proneness to over-feeding, overclothing, indolence, luxury and comfort; an assumed air of superficial independence; personal weakness and infirmity.

And now, we will ask the anxious reader, whether in the name of truth, justice and goodness, a disease that renders man insane; a disease that sneers at all metaphysics, looks down upon all thoughtful reflection or philosophy, and discards all theology as *speculative unpractical and absurd*; a disease that stigmatizes all efforts to ennable and elevate mankind morally rationally and spiritually, as *theoretical*; a disease that pronounces self-knowledge as impossible; a disease that brings morality down to the level of expediency : a disease that, instead of the worship of God of Nature, sets up a worst and and most wretched form of idolatry, the worship of copper, silver, and gold; a disease that denies to man the possession of nature other than the one capable of eating, drinking and money-making: we again ask, whether such a disease

should not be at once uprooted, destroyed and burnt never to grow again ? For so long as this disease exists, there shall be no morality, no religion, no truth, no philosophy.

The law of the influx of religious ideas is sound mind, disinterested, truthful, temperament, composed and tranquil attitude, powerful preserving intellect and concentrated meditation. And it is the foundation of these very conditions that the headlong pursuit of money undermines. The anxiety and pride, which the possession of money invariably brings, rob the mind of its composure; and the complicated relations and interests which the possession of power (wealth is power) always engenders, even take away the iota of disinterestedness or truthfulness that may have been left; till restless through anxiety, turbulent through pride and biased through interest man loses both the power of concentration and of clear thought.

How elevating and dignifying is independence, true, real independence, where man is no more a *slave* of his surroundings, and circumstances, but a *master*. And yet there is nothing that does more violence to the growth and existence of this blissful condition in man than the possession of wealth. A man proud of wealth is invariably a slave of his wealth. A stout healthy man is always in enjoyment of his health. He feels self-conscious of his power,

and is legitimately proud of the independence he feels in the exercise of his power. He exerts his locomotive apparatus, whenever, he desires change of place or scenery, he takes to physical exercise whenever he desires restoration of strength and vigour; he goes on a walk to breathe the free air of heaven or to enjoy the scenery of nature, whenever he desires refreshment; he entertains elevated thoughts and plunges into meditations, whenever he desires to feel as a *true man, a human spirit*; and he rouses the dormant conservative forces of his self-healing nature. whenever diseases or extremes of heat and cold attack him. In short, he is amply provided, in himself, with whastsoever he needs. But the rich man is altogether dependent on the tinsel of matter; conveyance by carriages, instead of locomotion by muscular action; plethoric fulness, borrowed from the activity of drugs, or the ministrations of attending physicians, instead of inborn healthy glow; rich viands but impaired digestion which strongly needs the stimulation of the liquor to perform its functions, instead of simple diet and healthy stomach; dead photographs, and mute portraits hanging by the walls of his rooms, instead of the scenery of nature; entire dependence upon the cooling power of *pankhas*, and the warming properties of fire, refreshing power of beverages, and stirring influence of wines, instead of natu-

ral endurance. Is this the *independece* which a human being should feel ?

It is not to this extent alone that the effects of this tendency have extended. Modern civilsation,—a phenomenon, mainly due to the chameleon-like properties of wealth—is brimful of the illustrious consequences of this tendency. The ancient world produced barbarians and savages; because, they were gigantic specimens of human nature, living almost naked in caves or mere huts built just for a temporary protection from wind and rain; because, their wants being few, their arts were simple and not numerous; because, possessed of powerful memories, their knowledge was all they learned by rote, and their reference books or library, the infallible record on the tablet of their memory; because, possessed of a clear head, their illustrations were so simpe and common that their reasoning must appear as shallow; because, being penetrative, they reasoned by analogy, and therefore they knew *observation* only. In short, they were men quite different from what the modern world produces. The modern world produces *civilized* men who are 'starved specimens of human nature': their architecture is grand and more permanent; their arts are complex and more numerous; their memories are weak and defective, and more faithless; their libraries are unportable and more cumbersome;

their illustrations are heavy and unique because they have been bedaubed as scientific by a process of baptism in unintelligible, classical and technical phraseology. Their reasoning is inductive; their test is experiment; and their logic is the theory of probabilities. Such then, is the widespread *influence* of wealth on civilisation, both *moral and intellectual*.

If then, the possession of wealth be fraught with so many evil tendencies and dangerous consequences, let it not be imagined that what is commonly regarded as its reverse, *i. e.*, poverty, is less so. Far, to quote a Samskrita line:—

बुभुक्षितः किं न करोति पापम् ।

‘There is no sin or crime that is unknown to poverty.’ By poverty we do not mean the absence of that hard heavy metal, otherwise known as gold, (for how can *dead* substances like copper, silver and gold effect the physical, mental and moral prosperity of the *living* soul), but we mean the poverty of mind. Where the absence of metal is the only thing to be complained of; industry of muscle and thoughtful ingenuousness of the brain can, with much greater advantage, be substituted for it. But how and whence is to be supplied that deficiency in the true substance of the mind, in the mental and moral stock which is the foundation of all industry, genius, honesty and enjoyment.

alike ? The error of the world consists in thinking the gross material objects of the world to be of any value, in regarding the abundance of such material as an emblem of wealth. True wealth is riches of the soul, repletion of the mind with its fourfold endowments--the endowment of *health*, of will and *muscular power*, endowment of *intellectual faculties*, and the endowment of moral and *emotional stock*. Let every one, who is possessed of a due share of these mental gifts, discard, with contempt, the little hard indigestible shining bits of metal, known as coinage, for, there is no liberty, genuine independence and dignity outside the exercise of these normal faculties of the mind. Mind is everywhere the regnant principle. The *furious* lion, the *gigantic* elephant, the *ferocious* tiger the *howling* wolf, the *blood-thirsty* hound, have been *cowed* down by the subduing power of the *superior mind* of man. The wild beasts of the forests have been tamed and rendered docile. The solid rocks have been compelled to part with their quarry, the depths of the earth have been forced to yield up their locked-in treasures, the mighty rivers have been made to change their courses the cataracts to give up their impetuous force to the whirling machinery, the water and fire have been driven to drag thousands of tons of loads every moment, at the tremendous rate of 40 or 50 miles an hour, and

even the electricity of the heavens has been imprisoned by pointed conductors; all this, *under the guidance and control of the superior mind*. Nor has the material universe, or the animal kingdom alone, been thus vanquished by the power of the mind. Even arbitrary royalty, powerful oligarchy, the aristocracy of nobility and the pride of heraldry have been thrown down and surrendered by the democracy of reason, 'the monarchy of mind,' 'the republic of intellect.' And further, the pride of aged pedantry, hoary with age has cast off self-assumed importance and learnt lessons at the feet of *superior*, though *young*, minds. Even the industrious dexterity and skilful ingenuity have bowed under the swaying omnipotence of *new ideas*.

It should, then, be clearly borne in mind that the richness of mind, is the true richness. It is the undecayable wealth that deserves the greatest respect and highest reverence. Physical, material wealth, should be the lowest thing in our estimation. Says Manu :—

वित्तं बन्धुर्बयः कर्मविद्या भवित पञ्चमी ।

एतानि मान्यस्थानानि गरीयो यद्युत्तरम् ॥

“Wealth, nobility of blood, age, professional skill or honest industry and knowledge (the wealth of mind), these are the five things to be respecced, the one following more than the one preceding it” This truth has been amply illus-

trated in the remarks made above, concerning the superiority of the mind. The conclusion to be cherished is that the possession of *mental riches* is the best possession, and that the *pursuit of these* (as contradistinguished from the pursuit of wealth), *is the pursuit that is becoming of the nobility of human nature*. Mind is the true source of power, and ideas (or knowledge) are the true wealth, before which all else crumbles to dust, to rise no more, Says the Upnishad :—

आत्मना विन्दते वीर्यं विद्यया विन्दतेऽमृतम् ।

The power comes from the spirit, and immortality from the possession of ideas.

THE NATURE OF CONSCIENCE AND THE BRAHMO SAMAJ

One of the Samajes that have exerted some considerable influence on the minds of the educated community in our country is the Brahmo Samaja. Those who have been watching the progress of this body, as well as that of others, are well aware, how the ideas of the more enlightened among a community come to be received by the less enlightened as the essential parts of the doctrines of that community. It has been, therefore, well-remarked, consistently with this principle and with the actual facts of the case, that, although the creed and doctrines of the Brahmo Samaja, as taught by its founders and by some of its eminent teachers, assign anything but a proper place to the so-called faculty of conscience, there has been a growing tendency, among the members and sympathisers of this Samaja in general, to give it an improper power of jurisdiction over the rules and principles of the society. This has led, and we believe is still calculated to lead, to errors of practical consequences.

The position of the Brahmo Samaja with regard to conscience has been that of *Intuitionists*. This school asserts that there is a moral faculty or moral instinct in us which gives us the per-

ception of right and wrong, of good and bad, as the eye gives us the perception of colour. They that are opposed to this doctrine hold that conscience is not an innate faculty, but that it is really an acquired faculty, a faculty which is in no way different and distinct from our senses, the acquisition being mainly from experience and association. Before we attempt an exposition of the nature of Conscience, we would ask leave of our readers to show, what practical differences result from these two views. "Now, the difference between these two schools of philosophy, that of Intuition and that of Experience and Association, is not a mere matter of abstract speculation, it is full of practical consequences, and lies at the foundation of all the greatest differences of practical opinion in an age of progress. The practical reformer has continually to demand that changes be made in things which are supported by powerful and widely spread feelings, or, to question the apparent necessity or indefeasibility of established facts; and it is often an indispensable part of his argument to show, how those powerful feelings had their origin, and how those facts came to seem necessary and indefeasible. There is therefore, a natural hostility between him and a philosophy which discourages the explanation of feelings and moral facts by circumstances and association,

and prefers to treat them as ultimate elements of human nature; *a philosophy which is addicted to holding up favourable doctrines as intuitive truths*, and deems intuition to be the *voice of nature* and of *God*, speaking with authority higher than that of our reason."

The above words from the pen of one of the greatest philosophers that the nineteenth century has yet produced, clearly show the unfitness of this doctrine to reformation, and the inadaptability of this view to progress and improvement in general. Although this mode of thought might not yet have induced the indolence and the conservatism indicated in the above words, it is certain to produce these in future; and we sincerely believe that this tendency has been a chief hindrance to the rational treatment of great social questions, and one of the great stumbling blocks to human improvement. This radical defect in the tendencies of the Brahmo Samaja should not escape the attention of a Brahmo Reformer.

Had it been impossible in any case to act against the dictates of conscience, or were it so that this capacity lay uncorrupted in the general decay and habitual change of our other faculties, our treatment of the question would have been otherwise. But, unfortunately, however, such is the refragability with which this faculty yields under external influences and other

motives, that the question has very often been put, "Should I obey my conscience?" and there have been men who have answered it in the negative.

We cannot be more certain of anything than, that it is but with perfect sincerity and feelings of reverence and godliness that an humble Hindu kneels down before his idol, and prays that he should succeed in his efforts; nor are we less confident of the truth of the fact that when the Iconoclast Mahmud broke the precious statue of Somnath, it was with no less an air of solemnity and calmness of conscience than when a Brahmo prays before his God for *good conscience* and upright heart. If these facts are true, there can be little doubt that this faculty, if innate at all, is not one of perception, but is only a strengthening element in our feelings, the direction which is given to them being solely established by association or by education.

What is this strengthening element? When a child is reluctant to tell a lie, what is it but the fear of displeasing or the hope of pleasing his parents or his fellow-creatures, that operates in his mind? What is this binding force, then, if it be not the fear of displeasing or the hope of pleasing our fellow-creatures, or, if it be not the fear of hell or the hope of heaven, the fear of acting against, or the hope of acting according to the will of God?

In proportion, then, as these external fears or hopes, these antipathies and sympathies act on the mind, in the same proportion is conscience, more or less, delicate or callous. Its binding force, then, consists in this, that there is a mass of feelings previously present in the mind, which gives direction to all our actions of human conduct; and it is the resistance which this mass of feelings offers, when we do anything or act contrary to those previously present feelings, which probably comes afterwards in the form of remorse. When these feelings are of sufficient strength, and are regarded with a sanctity, man shrinks from acting against those feelings as an impossibility. That is what is termed the scrupulosity of conscience. If this view of moral faculty be true, then conscience is not only not an innate faculty, but, clogged, as it is, with many associations, both false and true, and bent, as it can be, by education and the operation of external influences, it cannot be a rational ground for the foundation of a sound morality.

The objection, then, is not that conscience is not a standard of morality, but, that there can be no standard of morality. We are aware that there is a disposition to believe that morality gains much more by a sort of Transcendentalism. That there is something higher and deeper in believing that men ought to be virtuous

only for virtue's sake, that men ought to be good for goodness' sake, and that men ought to be moral only for morality's sake. It is thus supposed that, by attaching to morality an idea of objective reality, morality, gains much more in strength and force of operation. When the domain of conscience is denied them, men are generally anxious to accept this sort of transcendentalism which, by placing morality above the grasp of hard analysis, not in the mind but in something as objectively existent, is supposed to retain the same force of operation.

But this magic substitute of conscience is no better than the original complex bundle.

There is no morality existing apart from the actions that are moral, and moral actions exist no more without the person acting than morality exists without actions that are moral.

Is there, then, no standard of morality ? Is then all morality void and useless ? We believe that morality has a foundation deeper than that of the so-called conscience.

This foundation is in the social feelings of mankind. This is the feelings of sympathy, the feeling that is pleasurable or painful, according as we think and we see that our fellow-creatures are happy or miserable. We do not discuss the whole theory of morals founded on this feeling of sympathy, but would rather refer the reader to writers from Bentham to John Stuart Mill.

Suffice it to say that this feeling of sympathy is the basis of utilitarianism—the theory of morals which calls the actions moral or immoral, according as they conduce to *general* happiness or not. In the sequel we would beg our readers to compare the position of Brahmo Samaja with regard to conscience, and hence with regard to morality with the theory of morality as propounded by the Aryas of the Arya Samaja, and to see whether the one or the other is more conducive to *general* happiness. Our conviction is, that there is no Samaj which is more patriotic, more beneficial to society and more interested in the progress of society than the Arya Samaja.

The following is an extract from that admirable work, the *Gokaruna Nidhi*, of Swami Dayananda Sarasvati, the founder of the Arya Samaja, for comparison :—

“*Flesh-eater*.—These arguments apply only to things of a secular nature. But our religion prescribes to us the duty of eating flesh.”

“*Vegetarian*.—We ask if religious and irreligious be not synonymous with right and wrong in human conduct, you would never be able to prove that things may be religiously right or wrong as distinct from such inhuman conduct. Actions that conduce to *general* happiness are termed right, and those that conduce *not* to *general* happiness are termed wrong. If theft and robbery are crimes, they are such because they are painful to

others. Leaving out this consideration, there is parity of actions between the robber and the robbed ?" pp. 9.

The object of the Arya Samaja is to promote general happiness and remove evil and misery from the world. Actions that tend to create disturbances greater than they tend to promote happiness are recognized by the Society as immoral.

The society attaches due honour and reverence to them who spend their lives in promoting general welfare disinterestedly, etc; etc; etc.

CONSCIENCE & THE VEDAS
(WITH REFERENCE TO THE
BRAHMO SAMAJA)

As our Brahmo brethren have not unfrequently endeavoured to persuade us to believe that there exists no necessity of a Revelation, on the ground, that man, the pre-eminent being among sublunary objects, is endowed with a conscience—the competent judge within us to decide on the lawfulness of our actions or desires—we shall in this chapter show how unsound and flimsy their views are on this point.

It is an undisputed fact that whatever instincts, whatever impulses, are observable in an animal are universally existing in every one of the species to which it belongs. If you see a lion tearing in pieces every animal that crosses its path, you cannot expect to see another oppressed with remorse for the death of his victims, or compassionately healing those whom he has mangled; in like manner if you see a sheep mild, feeble and inoffensive, you cannot reasonably expect to see another sly and ferocious. By this we mean to indicate that the impulse of ferociousness is peculiar to lion, and that of mildness to sheep, which goes to show that the impulses or the instincts of an animal are in harmony with each other, and that the dictates of one's instinct are corresponding to the dictates of the instinct of another in the same species.

Keeping these principles in view, if we direct our attention to man, very formidable anomalies present themselves.

Viewed in one aspect, says George Combe, he almost resembles a demon, in another he bears the impress of the image of God. Seen in his crimes, his wars and his devastations, he might be mistaken for the incarnation of an evil spirit. Contemplated in his schemes of charity, his discoveries in science, and his vast combinations for the benefit of his race he seems a bright intelligence from heaven. The most opposite instincts or impulses seem to exist in his mind.

We believe our readers are aware that there existed, for upwards of 2,000 years, in many parts of India, in large numbers, the "thugs."

These professional murderers, after making offerings to the image of Kali, went about strangling travellers in remote places, often under circumstances of falsehood and treachery of the deepest dye. They assumed many different disguises, and played many different parts. A party of them would accost a wayfarer going homeward from a journey. Cheerful talk and song would win his heart, and he would tell them freely of his private affairs of his wife and children he was going to meet after long years of absence, toil and sufferings. Watching a favourable opportunity on the skirts of some jungle, one of the thugs, would throw

his turban-cloth round the neck of their victim, another seizing the other end of the cloth would draw it tightly round; while a third would seize the man by the legs and throw him on the ground. There could be no resistance. The work was quickly done. The body was, then, stripped, the property secured, and very soon the corpse was buried. The thugs would afterwards kindle a fire beside the grave, and feast as heartily, sing as merrily, and sleep as soundly as if they had committed an act of the greatest merit. No compunctions visited the thugs. An English officer asked one of them:—"Did you never feel pity for the old men and young children whom you murdered while they were sitting quietly by you? *Never*, was the answer."

Here we have the picture of man endowed with a conscience in common with other mankind, and yet we find that the actions of the virtuous men strongly contrast when compared to these vices. Now, if conscience were as sure a guide to our walk in life as the instinct of an animal, there would naturally have been no difference in the actions of the virtuous and those of a thug; but as these two parties seem to act as if prompted by hostile instincts or impulses, we may briefly enquire into the causes producing these heterogeneous phenomena. The main cause of the differences can only be

traced in the weakness of conscience in an uneducated state.

It is a faculty originally too weak, but capable of being improved by sound education. As the child fades away in its growth if a proper nourishment is not administered daily, so does the conscience of that man to whom education is not imparted.

To enable conscience to distinguish truth from falsehood, it is essentially necessary that it should be thoroughly enlightened, or else what could lull, to such a dreadful lethargy, the conscience of those thugs as not to remonstrate with them against the crimes they committed if it were originally as potent as the instinct of an animal, and what could keep so vigilant the conscience of virtuous men as to fill with remorse and repentance their minds for a single sin which would fall as insignificant when compared to the crime of murder. Compare the poor Hindus with the wild Khaibaries of the frontier, and you will easily find the wide difference in the dictates of their conscience. One would shudder and even faint to see a dog ruthlessly killed, while the other would not hesitate to sacrifice human life to examine the sharp edge of his sword.

Dear reader, disarm yourself of feelings proceeding from a party spirit, as we appeal to your judgment. Is it a faculty to be relied on

as our guide ? Is it infallible ? Does it give its wholesome counsel to all mankind ? Does it exercise the same influence in every heart ? Does it always elicit truth ? If it were so, there would have been one religion, one monotonous state of society, one opinion, and no conflict in this wide world.

If the dictate of conscience is the real voice of God, how will you account for the inconsistent notions of different people. Why the Hindus should consider the eating of flesh a sin, and the Muhammedans a virtue ? Why should polygamy be allowed in one nation and bigamy held a heinous crime in another.

Can you reasonably say that one or the other is deprived of conscience and intellectual faculties ? If it were so, the American of the fifteenth century would never have become the American of the nineteenth century. At the time America was discovered by Colmbus, it was a practice prevailing among some tribes there that when their parents and other relations became old, or labored under any distemper which their slender knowledge of the healing art could not remove, the American cut short their days with a violent hand in order to be relieved from the burden of supporting and tending them, and this was not regarded as a deed of cruelty but as an act of mercy. An American broken with years and infirmities,

conscious that he could no longer depend on the aid of those around him, placed himself contentedly in his grave, and it was by the hand of his children or nearest relations that the thong was pulled or the blow inflicted. Not only that, but upon the decease of a chief, a certain number of his wives, of his favourites, and of his slaves were put to death and interred together with him.

Now compare their condition of the 15th century with their condition of the nineteenth century, or the condition of ancient Britons with the Englishmen of to-day. What a wonderful change has since been effected. If they were destitute of moral and intellectual faculties, no endeavour on the part of man could ever have elevated them to their present refinement.

Does not all this show clearly that conscience in the rude state of society is an important faculty, and derives all its strength from education?

Now we ask—is it a part of wisdom to look to conscience under all circumstances for all religious truths? The Brahmos would emphatically deny this, but urge to take it as a safe guide when it is enlightened. Then it becomes a matter of necessity to cultivate our moral and intellectual faculties in order to render our conscience a competent judge, and how is that cultivation accomplished; by a close study of

moral, religious and scientific truths. True it is that those truths are brought to our knowledge through the medium of books, but no book can contain truth unless the rudiments of truth were previously imbibed by its author.

For more than some thousand years the inhabitants of Great Britain continued to be savages for want of proper education; and since the rudiments of civilization have been imparted to them, what a prodigious improvement do we mark in their history.

In the course of seven centuries, says Lord Macaulay, this wretched and degraded race have become the greatest and most highly civilized people, have spread their dominions over every quarter of the globe, have scattered the seed of mighty empires and republics over the vast continents, of which no dim intimation had ever reached us. Ptolemy or Strabo have created a maritime power which would annihilate in a quarter of an hour the navies of Tyre, Athens, Carthage, Venice and Genoa together; have carried the science of healing, the means of locomotion and correspondence, mechanical art, every manufacture, everything that promotes the convenience of life, to a perfection.

If they have made this immense progress during seven centuries, what could, beside the want of the rudiments of civilization, confine

them to their savage state for more than some thousands of years ?

If we trace back the history of any nation, we find it in a rude state until civilization was introduced in it by a previously existing civilized nation.

The English derived the rudiments of their civilization from Romans, and the Romans from Greeks, and the Greeks from Egyptians, and the Egyptians from Hindus, or, more properly speaking, Aryas, but here perhaps you would raise an objection and say that the Egyptians, derived their system of civilization from the Hindus is a mere conjecture, founded on the striking analogies between the institutions of both the nations, as it is difficult to conceive how any great migration could have taken place from Hindustan—a country that never possessed navy. This objection may, perhaps, perplex for a while the foreigners, but it is ill-calculated to stand before the natives of India. For they not unfrequently, meet in every Sanskrita work the word *Vamuna*, which means a balloon in English.

Granting that Indians had no naval power, can we possibly suppose that they could not transport themselves from one region to another by means of balloons.

Now as we have arrived at the home of all civilization, let us enquiry who was their civilizer. There being no nation previously civilized to

the Aryan, who could impart them the rudiments of civilization ? Were the Vedas held as "outpourings of savages in the age of sensation," in which view our Brahmo brethren seem to hold them ? No, certainly not, they esteemed them as a revelation from God, and held them as the fountain-head of all civilization, inasmuch as they inculcate wisdom and religious truth, and have been the great civilizer of human beings.

RELIGIOUS SERMONS

—:o:—

Short Sermons and Essays on Religious Subjects. By a Punjab Brahmo of the New Dispensation.)

This pamphlet of fifteen pages deals with some of the most vital questions of religion, e.g., the immortality of the soul and the Knowable and the Unknowable, etc. In a short pamphlet like the one under consideration, a careful, systematic and complete treatment of even one of the few subjects treated of in this pamphlet cannot be expected. Nor can it be expected that a pamphlet intended chiefly to serve the purpose of familiarizing the ideas of the author to the public in popular language will satisfy all the conditions of a metaphysical treatment. With due consideration of all these difficulties under which a pamphlet must labour— we venture to think that the pamphlet before us does not fulfil the conditions of a good religious tract.

One of the chief aims of a religious tract is a simple, short, clear and popular exposition of one's doctrines. But above all, soundness of philosophising is the most essential requisite of a good tract. By a careful perusal of this tract we are led to think that this it miserably fails to effect. Not only is the treatment of subjects too brief, (as it must be), and too vague and indefinite (which is by no means a pleasing feature of

the pamphlet), but so very incorrect, and based on such false methods of philosophising that we do not hesitate to point out some few shortcomings of the pamphlet as a sample for future guidance of a man like the author. We will take the doctrine of the immortality of soul, for instance.

Says the author :—

“The soul of man is immortal, because its Creator is immortal.” We have no desire here to doubt the correctness of the conclusion, but in regard to importance, the method by which we arrive at our conclusions is as important (perhaps more) as the conclusions themselves are.

Now, the correctness of an argument can always be better judged by examining its analogies, or arguments similarly carried on. Let us apply the method to the argument cited above. If the immortality of soul can be deduced as a conclusion from the immortality of its Creator, as surely can be immortality of man be deduced from that of his Creator. For, if man’s Creator be the same as the Creator of the soul, which, we have no doubt, the author of the pamphlet very sincerely and eagerly believes in, it undoubtedly follows that man must be immortal, and that the well-known adage, “Man is mortal,” is a conclusion the most grotesquely subversive of all sound philosophy.

and methods of philosophising to the thinking of the author. Nor might we carry the analogy thus far. It can be shown that the author's way of reasoning is wonderfully subversive of all intellect, as it leads us to attribute to things what never could belong to them. The soul of man is immortal, because the Creator is immortal. We might argue,—

The table is angry, because the carpenter is angry, and so on.

The author further adds;—

“It (soul) has in it the germs of true wisdom, justice . . . it is created by God in his own image as pure and holy and righteous as He Himself is.”

The latter assertion can be interpreted in two ways. It may imply, in the first instance, that human nature is all pure, and holy; whilst the fact is that the natural depravity of man has grown into a proverb; whereas, virtue which is equally natural, is regarded as an unexpected result. Or, it may imply that the holiness of God can be inferred from virtuous and good qualities found in man. In the former aspect, the assertion is at the best a partial truth, for, soul possesses other attributes of anger and passion also. In the latter aspect, either vice and crime are also divine, and cannot be ranked as separate and accidental attributes of man, or, man was not created in the image of God.

Indeed, the absolutely virtuous nature of man is so far away from the fact that, on the assumption that souls are created by God, the nature of man has been deemed inexplicable by and inconsistent with any theological conception except the one which introduces the lie of an equally Omnipotent Evil Spirit, or, the one which makes morality as essential an attribute of Godhead as immorality; and, if both these attributes were to be absolute, Godhead would be reduced to a logical impossibility.

Not to tire the reader with the circuitous, ever-recurring assertions in which the author indulges, and in which he assumes everything and proves nothing, we will come to a point which at least has the semblance of an argument, or seems to bear upon the question of the immortality of soul.

“. . . The cravings of man for light and life cannot be altogether annihilated. The soul’s longings after a better state are facts of consciousness even in the lives of those who are slow to admit them.” This at least may be construed into an indication of the immortality of soul. But the author does not perceive that, making the best of what he says, we can admit as *facts of consciousness*, the longings of a soul after a better state. Beyond this the argument proves nothing. How the fact of consciousness goes a step further, and leaving behind its

subjective nature, transcends to the grade of an objective reality, is not clear to us. It would seem to us, that a longing or a craving is at the best a longing or a craving, and no more.

After a few lines more which teach us, that the *sense* of right or wrong is ever present in man, and many other irrelevant points, we come to something which seems to be a reason for the above assertion. It is that “to say that the soul with its varied and united powers of development shall come to nought with the dissolution of the body, is to rob its Creator of all wisdom and mercy.” We do not see what wisdom can there be in the reverse of what is stated above. If soul was ever created, *i. e.*, brought into existence from non-entity, it is but natural, and the result of mere reversibility; that it should again resolve itself into nothing. What wisdom can there be in the Creator forcing upon us as impossibility, a created indestructibility, we do not understand. All wisdom and mercy is for the sake of some end or some utility; and unless God had some selfish utility to serve thereby, we cannot perceive the creation of souls itself at the time when it took place, could never be of any utility to those who could not and did not exist before them.

A REPLY TO SOME CRITICISM
OF
SVAMIJI'S VEDA BHASHYA.
इन्द्र आयाहि तूतुजान उप ब्रह्माणि हरिवः ।
सुते दधिष्व नश्वनः ॥ Rig 1.3.6.
The word *Indra* in this Mantra signifies
Vayu.

विश्वेभिः सोम्यं मध्वग्न इन्द्रेण वायुना ॥ Rig 1.14.10.

The above Mantra from the Rig Veda gives “*Indrena vayuna*,” thereby signifying that “*Indra*,” can be substituted for “*Vayu*,” as they are synonymously used in this, “*cha*” of “*Samuchchaya*,” which would have signified the distinct characters of *Indra* and *yayu*, being omitted here.

‘तदैनं प्राणैः समैन्धस्तदिन्द्रस्येन्द्रत्वम्’ इति विज्ञायते ॥

The above quotation from Nirukta, XI, 8, indicates the synonymous character of *Indra* and *Prana*.

The words *Ayahi* are distinctly analyzed *a*, and *yahi*. There can be no grammatical inaccuracy whatever in this separation of *a* from *yahi*. In fact, the Vedic paraseoology is so far different from the *laukika* one that this separation cannot be wondered at, even such particles as *a* and *upa* are very often thrown at a distance from the verb with which in the

Laukika way of expression they would have been combined. For instance :—

उपत्वा ग्ने दिवे दिवे दोषावस्तर्धिया वयम् ।

नमो भरन्त एमसि ॥ Sam. 1,2.

आ त्वेता निषीदतेन्द्रमभिप्रगायत ।

सखा सखिभ्य ईङ्घ्यः ॥ Rig. 1, 5.1.

In the first Mantra from among the two quoted above the particles *upa* would have been joined with *emasi*; in the latter, particle *a* would have been joined with *nishidata* from which it is separated by the word *Tveta*. There can be no doubt that in doing so a peculiarly distinct character is being assigned to the particles like *a* and *upa*, which is in no way inconsistent with the Vedic mode of expression.

The chief point to be considered is that the word *Indra* occurs in the text in the form of vocative singular and *yahi* in that of second person, singular imperative. What ground is there for taking *Indra* in nominative singular and *yahi* in the sense of third person of indicative, singular?

It is merely ignorance of Vedic modes of expression that can lead us to be so arrogant as to deny that there can be such a change of meanings. A deep philosophy underlies even the assumption of such changes of meaning. Who can deny that the vocative, singular mode

of expression is more impressive and implies a strong and direct sense of perception with which omniscience alone is compatible. We quote a piece below from Nirukta which will finally decide the point.

तास्त्रिविधा श्रुचः—परोक्तकृताः, प्रत्यक्षकृताः, आध्यात्मिक्यश्च ॥ १ ॥ तत्र परोक्तकृताः सर्वाभिनामविभक्तिभिर्युज्यन्ते प्रथमपुरुषैश्चात्म्यातस्य…………अथ प्रत्यक्षकृताः, मध्यमपुरुषयोगास्त्वमिति चैतेन सर्वनाम्ना ।…………अथापि प्रत्यक्षकृताः स्तोतारो भवन्ति परोक्तकृतानि स्तोतव्यानि ।…………अथाध्यात्मिक्यः, उत्तमपुरुषयोगा अहमिति चैतेन सर्वनाम्ना ॥

Nirukta VII., 1,1 and 2, which means :—

“There are three kinds of *Richas* (Vedic Mantras),” those pertaining to objects invisible or those beyond the range of perception; those pertaining to objects visible, (that is coming under the direct cognizance of perception), and, lastly, those belonging to *subjective consciousness*. The first, that is, those pertaining to objects invisible, are used under all names and in all *cases* with the form of the third person of the verb. *Those pertaining to objects visible* are used in the second person only, and the word *tvam* for their pronoun. The *stotaras* (reciters of Vedic Mantras) may be regarded as *Pratyaksha* and *Proksha* Mantras recited as imperceptible consciousness or out of percepti-

ble consciousness. Those pertaining to subjective consciousness are always treated of in the first person and the pronoun *aham* standing for them."

This law prevails throughout in the Vedas. The Mantras in which second person is used may be of two kinds. Where the objects are perceptible, there may come the form for expression, second person. Also, where the objects are invisible and the reciters visible, the same form of expression is used. The object of the above explanation is this, According to the ordinary rules of grammar, the first, second and third persons are used in their respective places; the third person always in the case of objects void of consciousness, the first and second in the case of conscious objects only. This is only a general law of *laukika* and *Vedic* terms, but according to *Vedic* use even where the object is void of consciousness, but regarded as perceptible, the second person is used. The object of thus vivifying, as it were the inanimate objects, is to render them directly amenable to the utility and perceptibility of man.

The same reasons stand as well for the use of imperative mood in lieu of the indicative. To render the latter assertion, however, directly justifiable by grammar we affix the following Karika of *Mahabhashya* on the Aphorism of

Panini, chap. III, 1, 85. व्यत्ययो बहुलम् ।—सुप्तिरु
कुप्रहिंगनराणां कालहलच् स्वरकर्त्तयडां च । व्यत्ययमिच्छति
शास्त्रकृदेषां सोपि च सिद्धयति बाहुलकेन ॥

Which affirms that moods and tenses, besides other the grammatical forms, are interchangeable.

In exemplifying the various causes of this change, Patanjli, in this Maha Bhashya, gives also the following :—

“Viyuyah” for “viyuyat,” “adhyasamena,” and “yaksha manena” for “adhasateta” and “yakshta”

Since this use of the imperative for the indicative mood, and of the second person for the third, is universal in the Vedas according to the laws given by Niruktakara, it is not difficult to exemplify the same in all the Mantras of the Vedas. Instead of this Mantra being an exception to the ordinary rules of grammar, which the critics have wrongly taken for the position of the Svami, it is only one of the very numerous cases of a law so universally obtaining in Vedic text.

Who has not observed the changes of person and case in groups of *Mantras* belonging to the same *Sukta*? If the vocative case was only used to signify a form of nature-worship, which seems to be the position of our critics, it would be highly improbable that a deity being once

called in (according to their ideas), in the first four or five *mantras* of the *Sukta*. should vanish in the next set of *mantras* belonging to the same *Sukta*, so as to justify the use of third person, singular nominative, for second person, singular vocative. The position taken by our critics is not only highly improbable but mars the uniform character of the hymns, and would according to the belief of nature-worshippers, cause much fight and confusion among the gods and create subjects of anger and hatred among their worshippers, the men. The hymns, instead of being hymns would become so many occasions of regular fight between gods and men. For examples of such sudden change, see second *Sukta* of 1st *Mandala* of *Rig Veda*, wherein in the first three *Mantras* we have vocative singular and in the others third person singular. In the very first *Sukta* of *Rig Veda* the first three *mantras* treated in third person singular, the fourth in second person singular, the fifth again in the third person singular, and the rest again in second person singular. How is this difference to be accounted for by the hypothesis of our critics.

The same remarks apply to the word *Dadhishva*.

The separation of *a* from *yahi* is quite compatible with the *yaugika* character of Vedic terms. The word *Sute* is translated, and correctly

so, by the Swami as referring to something *produced*, its *dhatu* (root) being *su* to produce (compare the ordinary *laukika* analogue 'sut,' the son). The position of our critics that 'sut,' and other similar words like *soma*, &c., refer to a root *su* to extract or squeeze the juice (?) is not at all correct. For instance, take the first *mantra* of the second *Sukta* of Rig Veda, "Vaya-vayahi darshateme soma arankritah tesham *pahi* shrudhi havam." At the first sight this *Mantra* seems to favour the side taken by our critics, as word *pahi* may be construed into an additional indication of *soma*, the extracted juice (?) being something drinkable, but a closer insight will show that *pahi* refers not to drinking but protecting and growing. Had *soma* meant a juice something drinkable, the expression would have been *pira* and not *pahi*.

The last point referred to in the questions of our critics refers to the word *Harivah*. This word is a derivative of *hari* which in Vedic terminology signifies *Ashva* (a term of much wider meaning than is attached to it by our critics, i.e., horse). It is only a faith in corrupt mythology which can lead to the conception of horses for various gods and goddesses, whilst, as clearly laid down in the *Nirukta* and backed by the following quotation from *Shatapatha*, the terms like *hari* &c., synonymous with *Ashva*, indicate

invariably the idea of tremendous velocity which the Svami translates as—"Vega yukta"

वृषो शुग्नः—अश्वोह भूत्वा एष देवेभ्यो यज्ञं वहति ।

The above quotation gives *Ashvas* as synonymous with it. Now even commonsense will tell that a horse is not an ox, nor an ox a horse; if there is anything common in them, there is capability of movement *Vrisha* and *Agni* can not synonymously indicate any other sense except that of velocity.



ORIGIN OF THOUGHT AND LANGUAGE.

Before giving examples, as I promised, of how in the Vedas are found some of the most important ideas of infinity, &c., it is necessary to say something about the origin of language, which presupposes almost simultaneously with it the origin of thought. Language, as Aristotle calls it, is but the outward thought, and thought is the inward language. Both of them are *logos*. Wherever a word exists in any language the corresponding thought is sure to exist, and a thought has no clear and distinct shape in the mind of the thinker, unless it is fixed in a word. So the thought and language of man grew simultaneously, and our surest method of tracing the thought of man to its very root is to trace the history of human speech. Herein lies the greatest importance of the Vedas. They supply us with ample material for tracing the history of human speech and thought to its very origin. And inasmuch as they give us this, when, and how of the origin of all human thought, they have a right to be called the revelation. No other existing book can satisfy this condition, and can, therefore, be no revelation. But where, then, did language come from ? This theory of revelation will lead us in the right direction.

It is well known that the Indian grammarians call the alphabetical sounds of the Sanskrita language the *akshara samannoya*. This means the Veda, *i. e.*, the revelation which consists of literal sounds. In other words, according to the Hindu theories of revelation, which we have seen to be the only true one, these literal sounds are (अक्षर) the eternal sounds of Nature. The origin of the articulate speech of man, which is made of these literal sounds, is in the sounds of nature. And this every body will acknowledge, if he examines carefully the roots of the Sanskrita language, out of which have been formed, as Yaska and Shakatayana tell us, all the nouns and verbs, &c., of the language. The roots are the sounds which man learned to imitate from nature, and out of these by-and-bye grew the language which is now our pride, as also did its sister languages. For sometime men used to talk only with roots, as they could not have done otherwise. And these roots expressed single ideas. When man had progressed so far that the combination of two single thoughts became a necessity of his life, two roots expressing the two different ideas were placed side by side. For better understanding, I give an illustration from a later process in the formation of language, the composition of nouns and from the English language, which will be more familiar to the reader. The word *kingdom*

means the house or dominion of a king. Before their composition, both of these words conveyed a separate and independent idea. When the necessity was felt of expressing an idea compounded of these two, these words were placed side by side. But *dom* did not as yet lose its independence, and carried to the mind of the speaker, as before, the idea of a separate power. By-and-bye, however, it became dependent on *king*, and lost its separate and independent power. In fact, it became, to borrow an expressive idea from the Chinese grammarian, *empty*. Henceforward it was only as mere suffix, and nothing more.

The same happened with the last of the roots which we have seen were placed side by side in the beginning of the second stage in the development of language. Thus, for example, the two roots रुद् (to howl) and र् (to give) were placed side by side, when it became a necessity to express the compound idea of a being, which “gave” and “sent the rolling sound of thunder.” This gave us the word रुद्र (or रुद्र), the “howl-giver.” The word is a compound, very similar to the later इन्द्रजित्, which literally rendered is only “Indra-win,” the high accent being on the word इन्द्र Indra. But the principal idea being that of the root *rua* (रुद्,) the other became very soon empty, and was reduced to a mere suffix, giving to the root the idea of agency

just as in the word (इन्द्रजित्) *Indrajit*. Having thus far explained the process of the formation of nouns I may leave the rest, for here I shall only have to do with nouns. One thing let us remember now. It is that, in order to understand any thought properly, we must trace the word which is its outward representative, to its root, and thence form the radical meaning to trace all the intermediate steps to the then meaning of the word. Then only shall we find what were the sensuous beginning of all our ideas, *i.e.*, their true revelation. But we must have light-houses to guide our courses in this dark ocean of linguistic investigation. There must be some intermediate link that may give us some clue at least to the origin and development. And that light-house, that link, is supplied by the *Veda*. There we see the ideas growing and coming out, and in as much as they are the only existing revelation.

THE NAMES OF THE VEDA EXPLAINED

Revelation in Sanskrita is called either the *Shruti*, the *Amnaya*, or *Samamnaya*, and the *Veda*. I have explained the meaning of *Shruti*. It means the voice of Nature. When these voices have done their work, man has come to know something, to possess all these ideas which he could not have possessed without them; then this *Shruti* becomes the *Veda*, in as much as it is now known. The word *Amnaya* comes from

the root **म्ना** to meditate upon, with the prefix **आ**, on all sides, and the suffix **य**. It means that which ought to be thoroughly meditated upon. And indeed it is only by a thorough and critical examination of the Samhitas that we can reach in that mass of song true to revelation. This Veda is quite independent of the Samhitas. It will exist all the same, whether they exist or not. But if the Samhitas be lost, it will become difficult for us to recover the true Veda: for it is to be found in them alone, as their names themselves testify. The Samhitas are called respectively the Rig Veda, the Yajur Veda, etc. The meanings of these are the following :—The Rig Veda means a book, a collection in which the Veda is found in the *Richas* or praises the Sama Veda means that science which is on the subject of *samans* (chanting hymns) : and so on. With this meaning these books are, in a figurative sense, sometimes simply spoken of, as the Vedas; but their true names are simply the Rik, the Saman, etc. or, the Rig Veda, the Sama Veda, etc.

Thus we see that in reality the Veda cannot be a book, it cannot even be articulate speech. The true Veda rather a matter of feeling and knowing. And that feeling and that knowledge the Samhitas give us in a very tangible form.

MAN'S PROGRESS DOWNWARDS

It has been a well recognized theory with the generality of European writers that all nations have risen from a savage state, and that countries which now boast of a high degree of civilization were once immersed in utter barbarism. With them man's progress is only onward and not backward. Our countrymen, who have received western education, and who, with very few exceptions, disregard the time-honoured traditions of their motherland, have followed in the same track. Their opinion is, that in the Vedic period of India, when the people worshipped the elements of nature, and when, according to their incorrect information, the idea of one supreme Ruler of the universe was not grasped, the Aryan nation was just emerging from a state of barbarism and darkness, and that since that time the country has been continuously advancing in civilization. These gentlemen, it seems, have studied only one phase of human life, and have not yet learned that nations are as much liable to decay as they are capable of making progress. All the great nations of antiquity who were famous for their valour, power and enlightenment, have perished, and left no mark of their greatness and glory except what is here and there found in the pages

of history. Where are the ancient Greeks, Romans, Phœnicians, Carthagians, and Egyptians ? Are not the modern Greeks and Italians descendants of their once glorious ancestors? And have they not fallen from their ancient greatness ? It is true they have managed to regain their indepedence and keep up some degree of civilization, but can their present state stand any comparsion with that high excellence, that great development—physical, mental and moral—which was once enjoyed by their glorious ancestors? They have surely fallen. We will say nothing with regard to our own country. Our object in this chapter is to show, by means of a concrete example, that it is possible for a nation, after arriving at a high stage of civilization to dwindle down into a condition of perfect savageness. Our readers will also learn, perhaps for the first time, that Christianity, if it has been the means of civilizing some countries, has, in one instance at least been the cause of the utter ruin and destruction of a whole nation. Cases like one which we are going to lay before our readers, shall prove without doubt that an uncivilized nation gains in civilization, only by coming in contact with a civilized and morally-developed people and not by the introduction of one creed or other. Archbishop Trench after studying the languages of different countries, and gaining an

insight into their histories, has come to this conclusion, that a deep study of the ancient histories of all nations will show that every country has received civilization from some other civilized country with which it happened to come in contact. This opinion, of course, leads to one premise that there must have been one nation at least which must have been civilized or enlightened from the very beginning, and that must have been the means of spreading knowledge in all directions. We will not discuss in this short chapter which nation, among those of which we have knowledge, has the honour of being the civilizer of the whole world. After the above general remarks, we proceed to our proper subject, and hope to prove, by referring to the state of the degenerate Red Indian of America, how a highly civilized nation can again fall into the very bottom of ignorance and barbarism. The history of the despised Red-man is very curious and instructive in many ways. Many rude and savage nations are yet inhabiting the globe, but of none is so deplorable a condition as of the ancient inhabitants of the New World. It fills one's mind at once with melancholy when he learns, as we will show further on, that these intractable savages are the scions of a very old and civilized race. An enquiry into the gradual stages of the life of this fallen nation shall also give some blow to

the generally recognised division of stone and iron ages. All such theories are founded on a presupposition that the world is not in existence from a very remote age, and that man has been continuously making progress onward.

“The conclusions towards which almost all the enquiries into the early history and past civilization of the red race of America seem to lead, are indeed of utmost interest, as they lead to a strong presumption that the nations and tribes inhabiting these regions at the period of the arrival of Spaniards were not people emerging from a state of barbarism, and slowly working their way up in the social scale, but that, on the contrary, they were descendants of a more civilized race sinking gradually from the high position they had once maintained, while some of them, having outstepped the others in their downward career, had already sunk into the condition of savages.”

The historians have been so accustomed to see a movement from barbarism upwards that it has been very reluctantly admitted after an accumulation of good deal of clear evidence that the ruined cities which are spread in the midst of old and dense forests over many districts of America, were built by the progenitors of the now savage Red Indians:—“When the Spaniards, in 1517, after twenty-five years' occupation of the West India islands—their first dis-

coveries in the New World—landed upon the coasts of Central America, they were struck with amazement at the contrast between the state of the countries which now opened to their view and those with which they had previously become acquainted in these regions. Instead of naked and timid savages, gathered together in tribes independent of, and often hostile to, each other, struggling for subsistence amidst the difficulties of uncultivated nature, unacquainted with the simplest arts of civilized life, they here beheld populous nations living under the dominion of powerful monarchs, subject to the rule of systematic governments and established laws, skilled in arts and manufactures, enjoying all the benefits of organized societies, and dwelling in cities which seemed to the dazzled eyes of the new-comers to rival in magnificence those of the Old World. The city of Mexico was, at the time of Spanish invasion, approached by artificial roads, thirty feet in width, and extending from two to three miles in length. The temples dedicated to the religious worship of the people, the palaces of the monarch, and the dwellings of persons of distinction were, according to the description of the invaders, of gigantic dimensions and magnificent structure, while the habitations of the lower classes were of the humblest character, being merely huts resembling those of the Indians of the rudest tribes. The most

striking architectural features in the city of Mexico were the temples; and foremost among these was the great Teocalli*--that is, House of God--situated in the principle square, and one of the first destroyed by the Spaniards when they became the master of the city.† This temple which was dedicated to Tezcatlopia, the god first in rank after Teoth, the Supreme Being, and to Maritli,‡ the god of war, consisted of a truncated pyramid formed by five terraces ascended by broad flights of steps. The sides of the pyramid faced the four cardinal points; its base was 318 feet long, and its perpendicular height 121 feet. On the truncated top of the pyramid were placed the sacrificial

* Is not this word directly the Sanskrita word Deva-laya meaning House of God ? Does not it point some link between the West Indians and the East Indians, who have both degenerated, though not in equal degree ?

† How similar is the fate of both these nations. What the enlightened and merciful followers of Christ did in the West Indies the pious followers of Islam accomplished in this country. The religious fervour of both was directed for a long time in demolishing the magnificent temples of the conquered races, and in obliterating the marks of ancient civilization.

‡ Is not this word connected with the Sanskrita Marutvan, one of the names of Indra; Teoth is apparently derived from Sanskrita deva. There may be found some Sanskrita word corresponding to the word Tezcatlopia. With our limited knowledge of Sanskrita we have not been able to trace this word to its origin.

stone and statues of the gods, among which those of the sun and moon were of colossal dimensions, and covered with plates of gold. Around the main building was a wall of hewn stone, ornamented with knots of serpents in bas-relief. Within the precincts of the wall, or immediately adjoining it, were the dwellings of the priests. Edifices of a similar character were represented as existing through Mexico and the adjoining countries; and the capital itself was said to contain no less than eight temples almost equal in size to that just described, besides two thousand of inferior dimensions."

We have made this long quotation to prove on authority that a part of the country still enjoyed some degree of civilization at the time of the Spanish invasion. Though completely fallen, they yet retained some show of progress. It is, however, curious to observe that these people who had built such magnificent buildings of stone and had made a great progress in the art of sculpture, were not acquainted, at the time of Spanish invasion, with the use of iron, without which no nation can advance far in the arts of civilized life. But how came such cities and edifices to be built up? It seems that here nature had quite a different course. In other countries the stone age had preceded the iron age, but here the course has been quite the reverse. Otherwise, how can it be imagined

that such magnificent buildings and statues were constructed without the aid of iron implements ? Inspite of all this show of civilization, they have forgotten the art of writing, and of taming animals to assist man in his labours. They had lost their valour, vigour and national spirit so much that they became an easy prey to the greedy Spaniards.

“Within fifty years after the first landing of the Spaniards their authority was established over almost the whole of the vast territory of Central America; and a few years later, the number of the original inhabitants of these countries was so much reduced, that the accounts of their former populousness seemed fabulous. Their monarchs and various rulers were deposed, and put to death, their religion was proscribed and persecuted, their temples and palaces were destroyed, their cities razed to the ground, their idols broken into fragments, or, when this could not be effected, buried in the earth and the dwindled remains of their population reduced to a miserable state of servitude. Even now, when republican institutions have been established through the countries which once acknowledged the sway of Spain, and when the inhabitants of all colours and all races are recognized as equal before the law, the poor Indian, in whom every trace of the spirit of a free man has been obliterated, bends

meekly before the spuerior race, kisses the hand which inflicts the punishment of the lash, and repeats the words which have become proverbial among the Spanish Americans—"The Indians do not hear except through their backs."

Although in different stages of civilization, no doubt remains as to the fact that all the tribes scattered all over the vast Continent belong to one race. It is true the Red Indians as a portion of that despised race yet retained some sort of civilization at the time of the Spanish invasion. The death-blow, of course, was given by the Christian Spaniards who reduced them all to slaves. It is not hidden from our readers that the Christian invaders, who so much boasted of their civilizatian and civilizing mission, long carried on a flourishing and lucrative trade in slaves, and it is only within the collection of the present generation that that abominable and degrading trade has been abolished, though not without a struggle. It must have been made clear to our readers by this time that, in the case of the ancient inhabitants of America at least, Christianity, instead of being a means of elevating their condition, has rather been the cause of their complete downfall. It would be better to quote here the words of our Historian, who himself appears to be a Christian. "It is melancholy to

reflect that a Christian civilized race has superseded the aboriginal inhabitants of these lands, without having in any instance succeeded in extending to the latter the advantages to which they owe their own superiority; that while expanding on the soil the benefits of cultivation and causing it to yield rich harvest in return for their labour, they, the followers of a religion which teaches man to see in his fellow-man, of whatever race and colour, a brother, should not have only left the aborigines in the same degraded stage in which they found them, but that they should have disseminated their vices where they knew not how to implant their virtues. If the Anglo-Saxon race can plead in their excuse the wild and intractable character of the savages with whom they had to deal, the same plea will not extend to the Spaniard, whose Indian subjects were docile and submissive to a fault."

How systematically the Spaniards planned and accomplished the destruction of the nation which unfortunately was subjugated by them, will be apparent from what follows. In one of his reports to Charles V. Cortez thus described his manner of proceeding in Mexico :—"I formed the design of demolishing on all sides all the houses in proportion as we became masters of the streets, so that we should not advance a foot without having destroyed and cleared out whatever was behind us." This policy

was followed up by the Spaniards during two centuries, and resulted in the almost total obliteration from the face of the country of every trace of the state of things which preceded their arrival. The ancient monuments which lay buried in the midst of dense jungles, an account of which we might give somewhere else, were so little known till very recent time that the "able, philosophic and conscientious Scottish historian, Dr. Robertson, in his 'History of America, published in 1777 A.D., affirmed, on the authority of persons long resident in those countries, that there was not throughout Spanish America, single monument or vestige of any building more ancient than the Conquest; and his general estimation of the state of the inhabitants of those countries at that period led him to the conclusion that the progenitors of the American race must have been in a very barbarous state when they left the cradle of mankind to populate these unknown regions."

Sad is the history of the degraded and despised Red Indian. We learn many lessons from it. It teaches us that it is possible for nations to immerse into a savage state after attaining to a high standard of civilization, that it is a vain boast to say that Christianity has everywhere been the means of bettering the condition of the people who came in contact with it, and that the distinction of stone and

iron ages does not hold good in every country and in every state. There is a frequent mention in our Shastras of Patala Desha (that is, the country underneath our feet) and of frequent communication between this country and the Antipodes. The names of some powerful kings of Patala are given, and they are represented to have invaded this country many times. It will therefore, be not too much to suppose that the civilization in America was very much influenced by this country. The occurrence of the words Teoth, Teocalli and Maritli in connection with the religion and temples of the inhabitants of Patala rather than strengthens our position, and it is possible some further light might be thrown on the subject by researches which would be made hereafter.

In Arya Varta also, had the sway of some bigoted and tyrannical rulers continued for a few centuries more, all the old monuments should have been swept away from the surface of the country, and her inhabitants already greatly fallen, must have shared the fate of the poor Red Indians. Thanks to God that times have changed and the inhabitants of India have got an opportunity, under the British rule, of bettering their condition.

RIGHTEOUSNESS OR UNRIGHTEOUSNESS
OF
FLESH-EATING.

The question of righteousness or unrighteousness of flesh-eating may be looked upon from different points of view, and our treatment of the question would vary as we view the question from one standpoint or from the other. But it would be advisable to discuss the question in the widest sense of the words righteousness and unrighteousness, which, in fact, are synonymous with morality and immorality.

When an action is such that its good or bad consequences fall exclusively on the agent himself, the morality or immorality of the action may be a question in itself, but the prevention or inculcation of the act cannot legally form the subject of our control. We may advise, persuade or instruct the individual to do or forbear to do the act; we may show our like or dislike, our approbation or disapprobation of his conduct; but for his conduct as such he is not accountable to us or to the society; over his thoughts and actions, his body as well as his mind, his power is absolute. But, if by his actions he is injuring the interests of others, robbing them of some of their rights, or doing

them mischief, directly or indirectly, not by his example, but by his actions, if, somehow or other, he is diminishing the chances of their well-being and prosperity, or, if he fails to bear his proper share of the labours and sacrifices incurred for defending the society or its members from injury and molestations, the case is quite otherwise. There can be no doubt as to the immorality of the action. Besides, in this case, not only is he responsible to us for his actions, or accountable to society for them, but he may be amenable to law, and may be punished or acquitted according as his conduct is guilty or simply innocent.

Having premised this much we pass our opinion on the subject, and assert that flesh-eating is immoral, unrighteous, and a sort of action for which he is amenable to society.

In the next place, the whole ground-work of righteousness and unrighteousness of actions are feelings, natural or associated, social but not selfish and individual. Thus, though the ground-work of the whole morality be feelings of our human nature, morality is not thereby a sufferer but a gainer. The feelings alluded to are that every man desires happiness or something that is conducive to his happiness; that being moved by sympathy he feels himself happy if his brothers are happy, and feels uneasy if they are uneasy. And if counteracting motives did not operate, his happiness would

not be different from that of others, his interests would be identical with theirs. But countering motives do operate, which is at the root of a considerable part of misery that is to be found in the world. The ultimate aim, therefore, of all moralists, all social reformers, and almost all religious reformers (even though they themselves may not have conceived it), has been to identify the interests of individuality with those of the community, to lessen the selfish motives or principles, either by the operation of education and public opinion, or by the march of civilisation, or by the introduction of new customs and the abolition of old ones, which would serve the purpose. Nor would mankind have been richer in variety and kinds of happiness, if happiness were confined but to the miserable individuality.

No reformation, therefore, is complete, no action, therefore, is moral, no morality, therefore, is sound, if it does not consider this point, if it does not narrow the circle of selfishness and if it does not make the interest of the one and the other more identical with each other, or if it fails to recognise the necessity of identification of interests and actions.

Are there any proofs of this nature, then, of the unrighteousness of flesh-eating ? Does this action (flesh-eating), then, not conduce to the general happiness ? or, does it diminish the

chances of the well-being and prosperity of mankind ? Otherwise, why is it immoral? Is or is not the question susceptible of proof ? or is it a fabrication of superstition and fetishism.

These are the questions which every earnest defender of utilitarianism, who recognises the immorality of flesh-eating, is called upon to furnish answer to.

If the question is susceptible of proof, and there is no reason why it should not be so, if the usefulness of every object in the world is not a mere sound void of meaning, if the bearing of all objects on the happiness of man is testified by universal experience, there is no difficulty in the recognition of the influence, good or bad, of flesh-eating on human happiness. And this amounts to a proof which the question is susceptible of.

Taking the case of kine, goat and sheep, and all milk-bearing animals, the question is reduced to mere mathematical calculations on some experimental data.

Given the length of time, a milk-bearing animal capable of providing with milk—*a*.

Given the average quantity of milk furnished every day—*b*.

Given the quantity of food for an average man for one time—*c*.

The utility of those animals measured in the number of men fed is $\frac{a \cdot b}{c}$

Given the measure of the generative powers of the animal—*d*.

The series of utilisation is a series of geometrical progression of the form $\frac{a}{c}, \frac{b}{c}, \frac{a}{c}, \frac{b}{c}, \frac{d}{c}$,
 $\frac{a}{c}, \frac{b}{c}, \frac{d}{c}, 2$, $\frac{a}{c}, \frac{b}{c}, \frac{d}{c}, 3$, Etc.

How many men would be fed by the flesh of the animal? If *w* be the weight of the animal, the maximum utilisation is measured by $\frac{w}{c}$ which is considerably smaller than $\frac{a}{c}$

In the case of oxen, horses, camels, etc, we have only to substitute the measure of productive or useful industrial powers, instead of the measure of given milk.

From these computations it is concluded that a cow, with her newborn calves and oxen, benefits 4,10,440 men against 80 who will be profited by the flesh merely; a goat benefits 25,920 against 20. For the accuracy of these computations, we would refer our readers to the admirable minute details in Gokaruna-Nidhi of Swami Dayananda Sarasvati. If benefitting 3,10,440 against 80, or 25920 against 20, is moral; if (supposing argument from analogy to be valid) the food of monkeys and *bunders* is more the food of men than that of lions and wolves if there exist the slightest feelings in

man, imperatively inducing him to desire the happiness of his inferior animals, not to speak of the physiological effects of flesh-eating, not to speak of the courage of Vegetarian nations of antiquity and of modern times (allowing for other circumstances beside this); if then flesh-eating is prejudicial to the interests of individuals, and to the interests of society; if usefulness is a test of the morality or immorality of the action, the decision is decidedly against it (flesh-eating), and it is positively imperative, that the custom should be checked. If, however, we consider the question in conjunction with that vexed question of social science—the question of the law of population that there is a tendency in human race to increase in number beyond what the agricultural limits of the land allow and that the greatest misery of this world is caused by the uncheeked operation of this law; a new weight is added to the question, and probably a provisional, but partial, solution of the question is effected.

CRITICAL

CRITICISM
ON
MONIER WILLIAMS' "INDIAN WISDOM."
INTRODUCTION

*

WE have mentioned the Preface, the Introduction and the Review of the Vedas. We now come to the Brahmanas and the Upnishads. The very ancient theological and religious records also find a place here. They occupy 21 pages. Then come the Six Schools of Philosophy the Nyaya, the Samkhya, the Vaisheshika, the Yoga, the Purva Mimamsa and the Vedanta schools. This chapter runs through 78 pages. Then we come to Jainism and Bhagvad Gita. Bhagvad Gita has been, with great truth, styled the eclectic school of philosophy, (and why not so ?) the Samkhya Marga, the Yoga Marga and the Bhakti Marga, the three royal roads to salvation, are equally recognised. This occupies 28 pages. We come now to the Vedangas,—Shikhsha, Vyakarna, Nirukta, Chhanda and Jyotish,—alphabet, grammar, etymology, prosody and astronomy. This occupies 40 pages. Then come the Smritis; they occupy 114 pages.

* The Manuscript, about 3 pages, is missing except these last few words:—"consisting of the author's remarks aptly interspersed by long quotations and translations from other authors.

Manu and Yajnavalkya Smritis are thoroughly reviewed. The author is at home here. He is pleased to find matter of condemnation in Manu and Yajnavalkya. We come, then to, Ramayana and Mahabharta. Bulky as these books are, a bulk of 140 pages of the book is devoted to these epic poems. The later dramas, Puranas, etc. only deserve a passing notice. They occupy 70 pages. The following is the summary;—

	PAGES
Preface and Introduction	.... 48
Vedas	.... 26
Brahmanas and Upanishads	.... 21
Six Schools of Philosophy	.... 78
Jainism and Eclecticism	.... 28
Rhetoric, Grammar and Astronomy	40
Smritis	.... 114
Epics (Ramayana and Mahabharta )	.... 140
Puranas and Dramas	.... 70
Alphabetical Index	.... 23
<hr/>	
TOTAL	.... 588

It is evident, then, that the author is obviously a man of vast study, of wide information and possessed of encyclopedic knowledge, at least in so far as Samskrita goes. It is well for us to avail of the information that can be derived from such a source, as such chances are not often to be found, they are exceptional and very rare. The more we proceed with the

review of the book, the more impatient we become to learn the scope and the contents of the book. This information I shall now no longer withhold from you. I proceed directly to the scope, the aims and objects of the book.

Says Professor Monier Williams at page 3 of his Preface :—

“The present volume attempts to supply a want, the existence of which has been impressed upon my mind by an inquiry often addressed to me as Boden Professor :—Is it possible to obtain from any one book a good general idea of the character and contents of Sanskrit literature ?”

Further on, he says :—

“Its pages are also intended to subserve a further object. They aim at imparting to educated Englishmen, by means of translations and explanations of portions of the sacred and philosophical literature of India, an insight into the mind, habits of thought, and customs of the Hindus, as well as a *correct* knowledge of a system of belief and practice which has constantly prevailed for at least 3,000 years and still continues to exist as one of the principal religion of the non-Christian world.”

Then, on page 36 of the Introduction, we have :—

“It is one of the aims, then, of the following pages to indicate the points of contrast between

Christianity and the three chief *false* religions the world, as they are represented in India."—(Please mark the word *false*).

Then on page 38 of the Introduction. we have :—

"It seems to me, then, that in comparing together these four systems—Christianity, Islam, Brahmanism and Buddhism—the crucial test of the possession of that absolute divine truth which can belong to only one of the four, and which—if supernaturally communicated by the common Father of mankind for the good of all His creatures—must be intended to prevail everywhere, ought to lie in the answer to two questions : *1st.*—What is the ultimate object at which each aims ? *Secondly.*—By what means and by what agency is this aim to be accomplished ?"

It is clear, then, the objects of the book are :—

1.—In one book to give a general idea of the character and contents of Samskrita literature.

II.—To draw for Englishmen a picture of our manners, habits, customs, institutions and beliefs. not a distorted picture, a misrepresentation, but a true one, for the picture is to be drawn by means of translations and explanations of portions of our sacred literature !

III.—To indicate the points of community between Christian and other non-Christian religions.

IV.—That Islam, Buddhism and *Brahmanism* (mark the last) are the three false religions of the world—or that Christianity is the only true religion.

V.—That taking Christianity, Brahmanism, Islam and Buddhism, the possession of absolute divine truth can only belong to one of the four.

VI.—That the absolute divine truth as supernaturally communicated by the common Father of mankind (remember this truth is Christianity) is one that is intended to prevail everywhere.

VII.—That *firstly* this absolute truth is the only religion, that gives a correct answer to the question, what is the ultimate object or aim ? *And secondly* that this absolute truth or Christianity alone gives the true scheme by which the common end or object of all is to be accomplished.

How far the last four articles of Professor Monier Williams' claims are right will just appear in the sequel.

A brief sketch of the answer to the first article has already been given in an enumeration of the book. Let me only point out that the four books, esteemed only next to the *Vedas*, and generally called the *Upa-Vedas*, find no mention anywhere throughout the list. It is especially upon the subject-matter of these books that a true estimate of Indian and occidental civilization can be formed by comparison. These

four books are the Artha Veda, the Dhanur Veda, the Ayur Veda and the Gandharva Veda. The Artha Veda is the *Upa-Veda* that deals with applied Mechanics, Engineering, Perspection, Practical Arts (Chemical and Physical), and Geology. The Ayur Veda is the *Upa-Veda* that deals with Surgery, Botany, Physiological Chemistry, Anatomy, Physiology, Materia Medica and Chemistry and cure of poison. The Gandharva Veda is the *Upa-Veda* of Music or fine arts, whereas the Dhanur Veda is the science of Martial appliances, instruments and tactics.

The second article, important as it is, will only be estimated at its due worth, in the progress of these reviews. In the course of these reviews it will be shown how far Professor Williams misrepresents or otherwise, or rightly translates or mistranslates, gives genuine explanations or forged ones of portions of our sacred literature.

The third article shall be reviewed fully at the end of the whole course of these reviews.

We come now to the subject-matter of the Introduction.

It deals with four points. *Firstly*, it gives a sketch of the past and present condition. The main portion consists of a geographical, political and historical sketch of the past condition of India as *imagined* by the so-called historians and philologists to be true. All this is foreign to the

purpose of my review. One point, however, is worth pointing out. It is where he gives his own remarks on caste system.

This is what he says at p. 24 of his Introduction :—

“Even in districts where the Hindus are called by one name and speak one dialect they are broken into separate classes divided from each other by barriers of caste far more difficult to pass than social distinctions of Europe,” etc; etc. “This separation constitutes, in point of fact, an essential doctrine of their religion. The growth of the Indian caste system is, perhaps, the most remarkable feature in the history of this extraordinary people. Caste, a social institution, meaning thereby conventional rules which separate the grades of society, exists, of course, in all countries. In England, caste in this sense exerts no slight authority. But with us caste is not a religious institution.”

“On the contrary, our religion, though it permits differences of rank, teaches us that such differences are to be laid aside in the worship of God, and that in His sight all men are equal. Very different is the caste of the Hindus. The Hindu believes that the Deity regards men as *unequal*, that he created distinct kinds of men as he created varieties of birds or beasts; that Brahmanas, Kashatriyas, Vaishyas and Shudras are born and must remain distinct

from each other; and that to force any Hindu to break the rules of caste is to force him to sin against God and against nature.

Professor Monier Williams, then, points out that caste rules in India hinge upon:—(1), Preparation of food; (2), Inter-marriage; (3), Professional pursuit. Had the Boden Professor professed to base these remarks upon personal observations or accounts of India as given by various writers on the subject, we would have nothing to add, but the Boden Professor regards the sacred Sanskrita literature to be the only key to “the satisfactory knowledge of the people committed to our (he means his or his nation’s) rule,” He says:—

“Happily India, though it has at least twenty distinct dialects, has but *one* sacred and learned language and *one* literature, *accepted* and *revered* by all adherents of Hinduism alike, however diverse in race, dialect, rank and creed.”

And it is upon the *sacred Sanskrita literature* of India that he bases his remarks. Let us see how far they are correct. The Professor asserts :—

1.—That caste system in India is a religious institution, whereas it is only a social institution in England. It is good for our brothers to note down the confession that there *is* caste system in England.

II.—That according to Christianity, all people are alike to God, but in Brahmanism, the Deity regards men as *unequal*, or

III.—That Brahmanas, Kashatriyas and Vaishyas are *born*; and

IV.—That only people of the same caste eat together, intermarry and pursue the same professional pursuits; these three being the tests of caste.

With regard to the second point, that according to doctrines of Brahmanism God regards men as *unequal*. I quote the 2nd Mantra of 26th Adhyaya of Yajur Veda :—

यथेमां वाचं कल्पाणीमावदानि जनेभ्यः ब्रह्मराजान्याभ्यां
शूद्राय चार्याय च स्वाय चारणाय च । प्रियो देवानां दक्षिणायै
दातुरिह भूयासमयं मे कामः समृद्धतामुप मादो नमतु ॥
Which means, “I (God) have given word (Revelation) which is the word of salvation for *all* people, Brahmanas, Kshatriyas, Vaishyas, Shudras, and even *Ati* Shudras. Therefore, regard no one as unequal among yourselves, but try to be loved by *all* wise people, to distribute gifts among *all*, and always desire the well-being of *all*.”

The Mantra is very clear, and I have quoted it to show that the position assumed by the Boden Professor is groundless. We come now to his assertion that caste is a religious institution and not a social one in India. Now, an

Institution is called a religious one when distinctions of the institution are maintained on the ground that they are obligatory by religion, but all distinctions maintained on the ground of differences of wealth, learning and industry are social distinctions.

Let us read Manu :—विप्राणां ज्ञानतो ज्येष्ठशः
क्षत्रियाणान्तु वीर्यतः । वैश्यानां धनधान्यतः शूद्राणामेव
जन्मतः ॥ This means that the ground of distinction among Brahmanas is from the point of learning, that among Kshatriyas is on account of physical prowess, and that among Vaishyas is on the ground of wealth and possessions, that among Shudras alone does birth distinction exist. Lest Monier William may mistake my sense and the sense of Manu and assert on the face of these quotations that Brahmanas, Kshatriyas and Vaishyas are *born*, let me again quote Manu :—

शूद्रो ब्राह्मणतामेति ब्राह्मणश्चैति शूद्राताम् । क्षत्रियाज्ञात-
मेवतु विद्याद्वैश्यात्तथैव च । which means that Shudras can become Brahmanas and Brahmanas Shudras and so with Kshatriyas and Vaishyas.

Again says Manu, जन्मना जायते शूद्रः संस्कारा
द्वेदूद्विजः ॥ All people are *born* Shudras, but by
संस्कार or by virtue of गुणकर्मस्वभाव, their
acquisitions and accomplishments, become
Brahmanas, Kshatriyas ब्राह्मण क्षत्रिय, etc.

The fourth position taken up by Monier Williams is that eating together, inter-marriage

and similarity of pursuits define a caste. Among these three, the second only deserves consideration. For, if similarity of pursuits be any element, it might be as reasonable for Monier Williams to regard all Professors of Schools and Colleges in England to belong to one caste. The same remark applies to food and drink. Eating and drinking together is absolutely prohibited in Manu not only for people of different castes, but for all individuals alike.

Says Manu : नोच्छिष्टं कस्यचिद्द्यात् नाश्चचैव
तथान्तरा । न चैवात्यशनं कुर्याऽनोच्छिष्टः कच्चिद्वज्जेत् ॥ १ ॥

Let no one eat from the same dish with any one else, let none overfeed himself and walk out after dinner without a hand-wash.

This point, therefore, is entirely out of question. What now remains is the question of inter-marriages. We will here again quote from Manu :—

सवर्णाण्मे द्विजातीनां प्रशस्ता दारकर्मणि । कामतस्तु
प्रवृत्तानामिमाः स्युः क्रमशो वराः । शूद्रैव भार्या शूद्रस्य सा च
स्वा च विशः स्मृते । ते च स्वा चैव राज्ञश्च ताश्च स्वा च
चाप्रजन्मनः ॥१३॥ This means that the best form
of first marriage is that in which the male and
female are of the same वर्ण or what is wrongly
called caste, but a Shudra woman should only
marry a Shudra, a Vaishya woman a Vishya or
Shudra. The Kshatriya should marry a शूद्रा वैश्या
क्षत्रिया only, and the Brahmana any.

This shows that a वैश्यानी or Vaishya woman marrying a Brahmana is allowable and so for others. Professor Monier Williams asserted that caste system in India is a religious institution, but it is a social one in England. We have proved that caste system is not a religious institution, but a social one as it is everywhere. He asserted that in Brahmanic religion Deity regards all men as *unequal*, but we have proved that He does not. He asserted that Brahmanas, Kshatriyas and Vaishyas are born. We have proved that they are not, but Shudras are. And lastly he asserted that similarity of professions, inter-marriage and eating together are the characteristics of a caste. We have shown that they are not. We leave now this point which is peculiarly illustrative of the unrivalled learning of the Professor, and come to the second part of his Introduction on the religion of the Hindus.

He says that there are 3 points of view from which any religion may be looked at—(1), faith; (2), work or ritual; (3), doctrines or dogmatic knowledge. He calls the 1st two, faith and work or ritual, the exoteric side of religion; and doctrines, or dogmatic knowledge, the esoteric side of religion. After laying down this distinction, he says that, viewed from an esoteric point of view, the Hindu religion is Pantheism. He says :—

“It (Hindu religion) teaches that nothing really exists but the Universal Spirit, that the soul of each individual is identical with that Spirit, and that every man’s highest aim should be to get rid, for ever; of doing, having and being, and devote himself to profound contemplation with a view to obtain such spiritual knowledge as should deliver him from the mere illusion of separate existence and force upon him the conviction that he is himself part of the one Being constituting the Universe.”

We shall see how far our Boden Professor of Sanskrita is right in these assertions. He says that Hindu religion teaches :—

I.—That nothing but the Universal Spirit exists.

II.—That each individual is identical with this Spirit.

III.—That every man’s aim should be to get rid of doing, having and being.

IV.—That each soul should free himself from being in his separate existence.

V.—That each soul is part of the one Being constituting the Universe.

Let us now examine these five propositions.

His first proposition is that nothing but the Universal Spirit exists.

I quote here from an Upanishad :—

अजामेकां लोहितशुक्तकृष्णां वद्धोः प्रजा सृजमानां सरूपाः ।
अजो ह्येको जुषमाणोऽनुशेते जहात्येनां भुक्तभोगा मज्जोऽन्यः ॥

The meaning is that "God, matter and human souls, these are the three eternal substances, ever uncreated. The eternal human souls enjoy the eternal matter while involved in material existence. Whereas, the third eternal substance, God, exists for ever, but is neither involved in material existence, nor enjoys the material world.", Here it is said that not universal spirit alone exists, but matter and human souls also exist coeternally. If more evidence were required on this head, it would be easy to quote many other very clear passages, but I believe the above is clear enough.

Williams' second proposition is that each individual is identical with the Universal Spirit. Here, let me quote from Brihadaranyaka Upanishad :—य आत्मनि तिष्ठन्नात्मनोऽन्तरोयमात्मा न वेद यस्यात्मा शरीरम् । आत्मनोऽन्तरो यमयति स त आत्मान्तर्याम्यमृतः ॥

Says Yajnavalkya to Maitreyi in answer to her question, "O Maitreyi the Universal Spirit who pervades even the human soul but is distinct from the human soul, whom ignorant human soul does not know, who resides in the innermost of the human soul, who is distinct from human soul but witnesses the actions of human soul and awards or punishes him, yes,

He, even He, the Universal Spirit, is immortal and also pervades thee."

Williams' third proposition respecting Brahmanical religion is that it teaches every man the duty of getting rid of all doing, being and having. I quote here from the 40th Chapter of the Yajur Veda :—

कुर्वन्नेवेह कर्माणि जिजीवेच्छ्रुतश्च समाः । एवं त्वयि-
नान्यथेऽस्ति न कर्म लिप्यते नरे ॥ This means, that each soul should desire to live for 100 years or more, spending his life in doing actions, always performing good deeds. Thus alone, and not otherwise, is freedom from sin and pain possible. The purport is that the doing of action or good deeds is the first essential.

Williams' fourth proposition is that each should free himself from the delusion of separate existence. I need not answer this, as it is clear that, believing God to be distinct from the soul, the idea of separate existence is not delusion, and if this be not a delusion, it is not a proper object to get rid of.

The fifth assertion is that each soul is a part of the Being consisting the Universe. If anything need be said upon this head, it will suffice to say that not in one Mantra but in innumerable Mantras of Upnishads, the Universal Spirit is regarded as *one whole* without form, body or parts, अखंड or indivisible. Since God has no parts, it is merely absurd to believe

that human souls can be parts of the Universal Spirit that is incapable of being divided into parts.

Then, in order to reconcile this pantheistic view, which does not admit of any necessity of faith, work or ritual, with the existence of faiths, innumerable works or rituals in India, Williams forges a fallacious reasoning which is called in Sanskrita logic by the technical name *chhal*. He says that believing God to be identical with human souls the Hindus were led to believe that human souls had only emanated from God. English language and English brain may, perhaps, be capable of confounding identity with emanation, but, unless a clear proof of it is given, I am not in a position to say anything respecting the justification of Williams' position.

I now come to the 3rd part of the Introduction, i.e., the one respecting the Languages of India.

Says Monier Williams :—

“The name Sanskrit, as applied to the ancient language of the Hindus, is an artificial designation for a *highly elaborated form* of the language originally brought by the Indian branch of the great Aryan race into India. This original tongue soon became modified by contact with the dialects of aboriginal races who preceded the Aryans, and in this way converted into the peculiar language(*bhasha*) of the Aryan immigrants who settled in the neighbourhood

of the seven rivers of the Punjab and its out-lying districts (*Sapta Sindhavas*=in Zend *Hapta Hendu*). The most suitable name for the original language thus moulded into the speech of the Hindus is Hindu-i (=Sindu-i), its principal later development being called Hindi,* just as the Low German dialect of the Angles and Saxons, when modified in Britain was called Anglo-Saxon. But very soon that happened in India which has come to pass in all the civilized countries. The spoken language, when once its general form and character had been settled, separated into two lines, the one elaborated by the learned, the other popularized and variously provincialized by the unlearned. In India, however, from the greater exclusiveness of the educated few, the greater ignorance of the masses, and the desire of a proud priesthood to keep the key of knowledge in their own possession, this separation became more marked, more diversified, and progressively intensified. Hence, the very grammar which with other nations

* It may be thought by some that this dialect was nearly identical with the language of the Vedic hymns, and the latter often gives genuine *Prakrita* forms (as *Kuta* for *krita*); but even Vedic Sanskrita presents great elaboration scarcely compatible with the notion of its being a simple original dialect (for example, in the use of complicated grammatical forms like Intensives), and Panini, in distinguishing between the common language and the Vedic, uses the term *Bhasha* in contradistinction to *Chandas* (the *Veda*).

was regarded only as a means to an end, came to be treated by Indian Pandits as the end itself, and was subtilized into an intricate science, fenced around by a bristling barrier of technicalities. The language, too, elaborated *pari-passu* with the grammar, rejected the natural name of Hindu-i or 'the speech of the Hindus,' and adopted an artificial designation, *viz*; *Sanskrita*, the perfectly constructed 'speech' (*sam=con*, *krita=factus*, 'formed'), to denote its complete severance from vulgar purposes, and its exclusive dedication to religion and literature; while the name *prakrita*—which may mean 'the original' as well as 'the derived' speech—was assigned to the common dialect. This itself is a remarkable circumstance; for, although a similar kind of separation has happened in Europe, we do not find that Latin and Greek ceased to be called Latin and Greek when they became the language of the learned, any more than we have at present distinct names for the common dialect and literary language of modern nations."

Herein Monier Williams asserts 6 distinct designations :—

- i.—That Sanskrita (well-formed) is an artificial designation.
- ii.—That it is highly elaborate.
- iii.—That it was modified by the tongue of aboriginal tribes and gave rise to Bhasha.

- iv.—That Grammar is so elaborate that it was regarded as an end and not as a means.
- v.—That Samskrita Grammar is an intricate science fenced by a bristling barrier of technicalities.
- vi.—That *Prakrita* means the original tongue. We will take each of his propositions turn by turn.

A designation is artificial when it is arbitrarily chosen not on the ground of the sense expressed by it. For an individual being called John, or Monier Williams, John or Monier Williams is an artificial designation, because it does not signify any attribute or attributes of the individual which the word Monier Williams denotes. Well, then, is Sanskrita an artificial designation ? He himself admits that Sanskrita means well-formed. Let us see if Sanskrita is well-formed. ★ ★

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LECTURE 1

—:o:—

THE HYMNS OF THE VEDAS

I COME now to Monier Williams' Lecture on "The Hymns of the Vedas." He proposes in this lecture to offer examples of the most remarkable religious, philosophical and ethical teachings of ancient Hindu authors. He can hardly convey 'an adequate idea of the luxuriance of Sanskrit literature.' He complains of 'the richness of the materials' at his command, for he confesses his inability to do justice to it. But let us not think that a man of Monier Williams' temper can ever be too warm in his panegyrics on such bosh as Hindu writings. They are 'too often marked by tedious repetitions, redundant epithets and far-fetched conceits. In Sanskrita there is not to be found that coldness and severe simplicity which characterizes an Englishman's writings. He lives in a climate too cold to admit of oriental warmth of style. He is surrounded by too sere and simple a civilisation in England to admit of the gentle but complex civilisation of India. The standard of judgment set upon India differs very much from that set upon England. With

Hindu authors excellence is apt to be measured by magnitude,' and 'quality by quantity.' But he cannot close his eyes against 'the art of condensation so successfully cultivated as in some departments of Sanskrit literature' (he means the Sutras). And in reconciling his view with the existence of the Sutras, Professor Williams offers an explanation. It is this, "probably the very prolixity natural to Indian writers led to the opposite extreme of brevity, not merely by a law of reaction, but by the necessity for providing the memory with "aids and restoratives" when oppressed and debilitated by too great a burden." Professor Williams would have been perfectly right in passing the above remarks, were it not that the Sanskrita writings that abound in prolixity have followed and not preceded the condensed literature in point of time. Leaving out the account of Vedas which are the starting point of the Indian literature, the Upnishads, the Upavedas and especially the six Darshanas may be called the condensed literature of India; whereas the later 'novels, dramas, *puranas* and *vrittis* and *tikas* may with perfect truth, be styled the prolix literature of India. Now, not a single line of the Upnishads or the Upavedas or the Darshanas was written posterior to the *puranas*, the dramas etc., and Professor Williams also admits this. What meaning are we to attach, then, to

Williams' assertion that the condensed literature was due to a law of reaction? Does Monier Williams mean that long before there had occurred an action, *i.e.*, long before the prolix literature came to be written, there had set in a reaction, *i.e.*, that of condensed writings? Monier Williams is much to be credited for his logic, for, according to him, a reaction precedes the action of which it is a reaction. Supernatural Christianity, which is the region of Monier Williams, finds a very true advocate in him. A son without a father is what Christianity would have us believe. But Monier Williams would rather say that the son existed long before the birth of his father. We shall find as we proceed further on, that this is not in any way a startling proposition as compared with others that Monier Williams has yet to assert. His second reason is that the ancients had recourse to the condensed methods of writing as aids and restoratives to an oppressed and debilitated memory. Now, gentlemen, be fair and judge yourselves. What was there to oppress and debilitate the memory? Was it the Upanishads, the Upavedas or the Brahmanas? Professor Williams must be bluntly ignorant of Sanskrita literature, if he thinks that the Upanishads, the Brahmanas or the Upavedas could oppress or debilitate the memory. It is one of

the blessing of modern civilisation to deteriorate the intellect and enslave memory. I here quote from a number of a well-known scientific paper, "Nature," dated 25th January 1883 :

"Few students of science can fail to feel, at times, appalled by the ever-increasing flood of literature devoted to science and the difficulty of keeping abreast of it even in the special and comparatively limited branch of inquiry. Were merely the old societies and long-established journals to continue to supply their contributions, these, as they arrive from all parts of the country and from all quarters of the globe, would be more than enough to tax the energy of even the most ardent enthusiast. But new societies, new journals, new independent works start up at every turn, till one feels inclined to abandon in despair the attempt to keep pace with the advance of science in more than one limited department."

"One of the most striking and dispiriting features of this rapidly growing literature is the *poverty* or *worthlessness* of a *very large part* of it. The really earnest student who honestly tries to keep himself acquainted with what is being done, in at least his own branch of science, acquires *by degrees* a knack of distinguishing, as it were, by instinct, the papers that he ought to read from those which have no claim on his attention. But how often may he be heard ask-

ing if no means can be devised for preventing the current of scientific literature from becoming swollen and turbid by the constant inpouring of what he can call by no better name than *rubbish*."

If more evidences were required on this head, I would refer the reader to the prevalent systems of education for a verification of the results. Who is here that does not acknowledge the all-importance of *cramming* in passing the examination? Who is here that would not evince to the facts of mathematics and even philosophy being now-a-days learnt on the cram system? It is not India alone that is teeming with these deformities. Much more so is the case with England. There the cry of memory complaints has risen so high that many professors have set up entirely new schools of memory training with the express object of saving poor English memories from utter destruction and ruin. Is it not clear, then, that the prolixity of literature, the "exuberant verbosity" and the worthlessness and rubbish character of which Monier Williams so much complains, are more to be found in his own camp of modern civilization than in the natural simple, and invigorating writings of the authors of the Upanishads, the Upavedas and the Darshanas. To prove this, let me quote here from the well-known Upaveda, Sushruta on medical science.

“सूक्ष्मा हिद्रव्यरगुणवीर्यविपाकदोषधातुमलाशयमन्मेष-
शिरास्नायुसन्ध्यस्थिगम्भेसम्भवद्रव्यसमूहविभागास्तथा प्रनष्टप्रश-
ल्योद्धरणव्रणविनिश्चयभग्नविकल्पाः साध्ययाप्यप्रत्याख्येयता च
विकाराणामेवमाद्यश्चान्ये विशेषाः सहस्रशो ये विचिन्त्यमाना
विमलविपुलबुद्धेरपि बुद्धिमाकुलीकुर्युः किम्पुनरल्पबुद्धेः । तस्मा-
दद्वश्यमनुपदपादश्लोकार्धश्लोकमनुवर्णयितव्यः तु श्रोतव्यम् ॥
सूत्रस्थान अध्याय ४ ॥

The meaning of which is that “the various physiological subjects called द्रव्य, रस, गुण, वीर्य, etc., etc., are subjects which sometimes puzzle even the most clear-headed intellect. Let every student of medical science, then, apply his बुद्धि, (intellect) in comprehending or understanding these principles and let him reflect.” There is no need multiplying quotations, for, it cannot be doubted that the Upanishads, the Niruktas, the Upavedas and the Darshanas are all addressed to the intellect, and the complaint is that they often puzzle the most clear-headed intellects and not that they cannot be remembered. It is clear, then, that the condensed literature of Sanskrita, the Sutras, are not due to reaction, and that they are not aids or restoratives to memory, but rather appeal to the intellects or the faculties of understanding.

Professor Williams now passes from this, which is a pure digression from the subject, to the proper subject. Only once before the treatment of the subject, like an impartial writer,

he inculcates the duty of studying fairly and without prejudice the other religions of the world. That his fairness and freedom from prejudice may not be ill-judged, I again quote from the fair and unprejudiced Christain, Professor Monier Williams :--

“For, may it not be maintained, that the traces of the original truth imparted to mankind should be diligently sought for in every religious system, however corrupt, so that when any fragment of the living rock is discovered, it may at once be converted into a fulcrum for the upheaving of the whole mass of surrounding error ? At all events, it may reasonably be conceded that if nothing true or sound can be shown to underlie the *rotten tissue* of decaying religious systems, the truth of Christianity may at least in this manner be more clearly exhibited and its value by contrast made more conspicuous.”

Leaving Monier Williams with his hopes regarding the not-decaying but living Christianity aside, for the moment, we come now to the proper subject. Professor Williams confesses that “the idea of a revelation, though apparently never entertained in a definite manner by the Greeks and Roman, is perfectly familiar to the Hindus.” But the Vedas are not a revelation in the sense in which the Bible is to the Christian or the Quran to the Muhammedan.

The Quran is "a single volume manifestly the work of one author, descended entire from heaven in the night called *al qadr*, in the month of Ramazan." "The Old Testament was furnished with its accompaniment of Chaldee translations and paraphrases called Targums." But "the word *Veda*" says Professor Williams, "means knowledge; and is a term applied to the Divine *unwritten* knowledge, imagined to have issued like breath from the Self-existent, and communicated to no single person, but to a whole class of men call Rishis or inspired sages. By them the divine knowledge thus apprehended was transmitted, not in writing, but through the ear, by constant oral repetition, through a succession of teachers, who claimed as Brahmanas to be its rightful recipients..... Moreover, when at last, by its continued growth, it became too complex for mere oral transmission, then this *Veda* resolved itself, not into one single volume, like the Quran, but series of compositions, which had in reality been composed by a number of different poets and writers at different times during several centuries."

Monier Williams herein asserts :—

I.—That the *Vedas* are really unwritten knowledge issuing like breath from the Self-existent.

II.—That they were communicated to a whole class of men called Rishis or inspired sages.

III.—That they continued to grow, hence their present written book form.

IV.—That the Vedas are a series of compositions by a number of different poets and writers at different times during several centuries.

We will take Professor Williams' propositions one by one. His first proposition is that the Vedas are really *unwritten* knowledge issuing like breath from the Self-existent. Now, does Professor Williams imagine that there can ever be anything like a written knowledge ? But it is here clearly to be understood that I am not here speaking of the knowledge being written down, but of written knowledge. Professor Williams seems to imagine that the Vedas are laboring under a very serious defect. The Christians, he seems to think, have a definite revelation, as it is put down in black and white; and so have the Muhammedans, for, their book descended from heaven in its present form. He therefore imagines that the Christians have a settled revelation, a something definite to lay their hands upon as their sacred books, but the Veda being unwritten knowledge is not tangible is not a reality or a something definite. In this he is entirely wrong, and, if not wrong, he very sadly betrays a want of philosophical culture.

For, Vedas being *unwritten* knowledge, let me ask--Can there be anything which can with philosophical precision be called written knowledge ? Let us be clear on the subject. A revelation is a revelation in so far as it is revealed to some body. The Bible is alleged to be a revelation, it was therefore revealed to some body. A revelation is only a revelation in so far as it is revealed to the intellect, *i.e.* in so far as the person to whom it is revealed, becomes directly conscious of the facts revealed. Admitting, then, that the Bible is a revelation, and that there was some body to whom it was revealed, that some body must have been conscious of the contents of the revelation. Is this, his consciousness of the facts revealed in any way distinct from the knowledge of the facts revealed? If not, then the Bible is a knowledge, and, in so far as it lay in the consciousness of the person to whom it was revealed, which is the true signification of the word revelation, it was *unwritten* knowledge. Thus, then, the Bible revelation is also *unwritten* knowledge, and Professor Williams cannot in any way free himself from the dilemma that either Bible revelation itself is an *unwritten* knowledge and in that case does not differ in any way from the Revelation of the Vedas which is also *unwritten* knowledge, or that the Bible is a mere record not felt in consciousness, but made to descend

just as Quran descended to Muhammed. Muhammed himself being illiterate, not understanding it, but only being specially directed and empowered by God to circulate it for the spread of the faith. In this case, the Bible is no more a revelation ! It is a mere dead-letter book sent miraculously through some people who themselves did not understand it. Can Professor Williams get rid of this difficulty ? The fact is that he wants to sing praises of popular dogmatic Christianity, and being afraid lest he should be called a heretic, condescends to let the Bible rot into a mere dead-letter book, rather than accept a position which should make him to be considered a heretic. Whether it is more philosophical to believe that God sent a sealed book which descended entire, or that God only reveals to the understanding of some who thus illuminated record down what they are revealed to, is for you to judge. So far with respect to the first part of the 1st proposition asserted by Professor Williams.

We now come to the 2nd part. This refers to the mode of revelation of the Veda or the origin of the Veda. He says :—

“There are numerous inconsistencies in the accounts of the production of the Veda.

1. One account makes it issue from the Self-existent like breath, by the power of *adrishta*, without any deliberation or thought

on His part; 2. another makes the four Vedas issue from Brahman like smoke from burning fuel; 3. another educes them from the elements; 4. another from Gayatri; 5. a hymn in the Atharva Veda educes them from *kala* or Time (XIX, 54); 6. The Shatapatha Brahman asserts that the Creator brooded over the three worlds and thence produced three lights, the fire, the air and the sun, from which respectively were extracted the Rig, Yajur and Sam-Vedas. Manu (1.23) affirms the same. 7. In the Purusha Sukta, the three Vedas are derived from the mystical victim Purusha. 8. Lastly, by the Mimansakas the Veda is declared to be itself an eternal sound and to have existed absolutely from all eternity, quite independently of any utterer or revealer of its text. Hence it is often called *Shruta*, "what is heard." 9. In opposition to all this, we have the *rishis* themselves frequently intimating that the mantras were composed by themselves."

In this little paragraph Professor Williams points out that there are nine different conflicting theories maintained with respect to the production of the Vedas, and enumerates the nine theories and thinks that he has done enough to demolish the ground of Vedic revelation. But he is sadly mistaken. He simply betrays the woeful depth of his ignorance of even the ordinary Samskrita words, not to speak of the high-

er Samskrita literature. The fact is that not only are there no nine conflicting hypotheses, but that these are one and the same hypothesis invariably maintained by each and all of the ancient Vedic writers. The one unitary conception concerning the production of the Vedas is that the Vedas are a spontaneous emanation from the Diety, an involuntary, natural and original procession of God's innate wisdom and knowledge principles into this world. It is this one uniform idea which is maintained throughout. Let us take each one of the theories enumerated by Professor Williams.

The Vedas issued from the self-existent like breath. Says Shatapatha, Kanda 14, Adhyaya 5—एवं वा अरेऽस्य महतो भूतस्य निःश्वसितमेत्यद्यत्रेदो यजुवेदः सामवेदोऽथर्वांगिरस इत्यादि । The meaning is that Yajnavalkya replies to Maitreyi in answer to her question; "O Maitreyi, the Vedas have proceeded from God, who is even more omnipresent than ether and more extensive than space, as naturally and spontaneously as the breath proceeds spontaneously and involuntarily from the human organism," and not deliberately and with thought as Professor Williams will have his own revelation, for the God of Truth and the God of Universe, who is also the God of the Aryas, need not trouble the cerebral substance of his brain with violent vibrations to produce the thought of imparting a reve-

lation to mankind. Wisdom and knowledge flow from God as naturally and spontaneously as the breath flows in and out from the human organism. The power of *adrishta* to which Professor Williams refers in his note, is nothing different from the invisible, spiritual potency of the recipients of the revelation to receive the revelation of the Vedas. This, then, is the first account.

We come now to the second. According to this, the Vedas issue from Brahman like smoke from burning fuel. The meaning is very clear. It is that the Vedas proceed from Brahman, God as spontaneously as the smoke proceeds from burning fuel silently, noiselessly, naturally and without *any exertion*. The central idea is yet the same, but to the jaundiced eye of Monier Williams this is a second account inconsistent with the first.

The third hypothesis accounts for the origin of the Vedas from the elements. Here Professor Williams is wrong in his translation. The original word in Sanskrita for what he calls the elements is भूत. Now भूत does not mean elements but Godhead. भवन्ति विद्यन्ते पदार्थो अस्मिन्नन्ति भूतः God is called Bhuta, as all things that have ever existed exist in him. To convey the idea that the Vedas have existed for ever in the womb of the Divine Wisdom, the Vedas are spoken of as issuing from Bhuta, i.e; God who is

the Universal Intelligent repository of all things past or old, *i.e.* all eternal essences and principles. This account does not in the least conflict with the first two, but the poetical use of the word *bhuta* for God rather more sublimely expresses the same sentiment.

The fourth account is that of the Vedas proceeding from Gayatri. There also Professor Williams betrays his entire ignorance of Vedic literature by saying that this fourth account is a different one, inconsistent with the three foregoing ones. In 3rd Chapter, 14th section Nighantu, which is the lexicon of Vedic terms, we have गायति अर्चतिकर्मा, तस्माद्गायत्री भवति । the meaning of which is that the root गायति signifies अर्चति to worship. Hence, the Being who deserves to be adored and worshipped by all, is called गायत्री: So also says Nirukta in its 7th Adhyaya, III Pada, and 6th Section गायत्री गायते: स्तुति कर्मणस्त्रगमना वा, विपरीता, गायते मुखादुदपतिश्च ब्राह्मणम् ॥ The Vedas, then, have proceeded from Gayatri *i.e.* God who is worshipped and adored by all.

Now comes the fifth account of the same in the 3rd Mantra of 5th Kanda of 19th Chapter.

कालाद्वचः समभवन् यजुः कालादजायत which Monier-Williams translates as if meaning that Rig and Yajur Vedas have been produced by time (काल). Here again, our learned Boden Professor of Samskrita and world-renowned Oriental Scholar does not understand the meaning of the word.

काल. Says Nighantu, Chap. II, Kand 14, कालयति गतिकर्मा तस्मात् कालः which means that the Spirit that is intelligent and pervades all is called *kala* or कालयति संख्याति सर्वान् पदार्थान् स कालः that Infinite Being, in whose comparison all that exists is measurable, is called *kala*. Kala, therefore, is the name of the same Infinite Being, the same god Gayatri or Brahma or Swayambhu from whom the Vedas have been described to proceed in the first four accounts given above.

We come now to the sixth. No mistake can be more serious on the part of Monier Williams than the one he has committed in rendering Shatapatha Brahmana's account of the origin of the Vedas. According to this account, the Creator brooded over the three worlds and thence produced three lights, the fire, the air, and the sun, from which respectively were extracted the Rig, Yajur and Sama Vedas. Here also Williams' mistake lies in substituting English words for Samskrita ones. Williams' own translation with the only modification of putting the original Samskrita words for which he has put the English ones will be: God, the Creator, brooded over the three worlds and thence produced the three *jyoties* अग्निं, वायुं, and रविं and thence extracted the three Vedas. Now *jyoti* does not mean light but illuminated being, man in the spiritual state, i.e., in the superior condition, and अग्निं, वायुं and रविं are no names for

fire, air and sun, but are names of three men. The meaning of the passage then is, that God in the beginning, created the organizations which received the spirits of three men known by the names of Agni, Vayu and Ravi. To these three *rishis*, अग्नि, वायु and रवि; men in the superior condition, God revealed the knowledge of Rig, Yajur and Sama respectively. Now, in what way does it contradict the other explanations ? Nor does Manu prove what Williams says. Says Manu:—अग्निवायुरविभ्यस्तु त्रयं ब्रह्म सनातनम् । दुदोह यज्ञसिद्ध्यर्थमृग्यज्ञःसामलक्षणम् ॥

This means, that the three Vedas, Rig, Yajur and Sama were revealed to the three *rishis*, Agni, Vayu and Ravi, to give a knowledge of how to accomplish the purpose of life in this world.

We come now to the 7th account in Purusha Sukta, where according to Monier Williams, the Vedas are derived from the mystical victim, Purusha. I here quote the Mantra of the Purusha Sukta:—

तस्माद्यज्ञात्सर्वहुत श्रुचः सामानि जङ्गिरे ।

चन्द्रांसि जङ्गिरे तस्माद्यजुस्तस्मादजायत ॥

The plain meaning of which is that Rig, Yajur, Sama, and Chhandas or Atharva Vedas have proceeded from that Purusha who is Yajna and Sarvahuta. Williams renders it into the mystical victim, Purusha. But he is in the

wrong. Purusha is the universal spirit that pervades all nature. Says Nirukta II 1·5.

पुरुषः पुरिषादः पुरिशयः पूरयतेर्वा पूरयत्यन्तरित्यन्तर-
पुरुषमभिप्रेत्य यस्मात्परं नापरमस्ति किञ्चिद्यस्मान्नाणीयो न
ज्यायोऽस्ति किञ्चित् वृक्ष इवस्तब्धो दिवि तिष्ठत्ये कस्तेनेदैँ पूर्णं
पुरुषेण सर्वम्, इति निगमो भवति, the meaning of
which is, that God is called Purusha, because
he is पुरिषाद् that is, he pervades the universe
and even lives in the interior of the human
soul. It is in this sense that the mantra of the
Veda is revealed, saying there is nothing supe-
rior to God, nothing separate from him, nothing
more refined, nothing more extended. He holds
all but is himself unmoved. He is the only one.
Yes, He, even He, is the spirit that pervades
all. It is clear then that Purusha means the uni-
versal spirit of God. We come now to the second
word *Yajna*. Says Nirukta, III, 4, 2 :—

यज्ञः कहमात् प्रख्यातं यजतिकर्मेति नैरुक्ता याच्चयो भव-
तीति वा यजुरुक्तो भवतीति वा बहुकृष्णाजिन इत्यौपमन्यवो
यज्ञैऽयेन नयन्तोति ।

The meaning is this. Why is *Yajna* the name of God; because He is prime mover of all the forces of nature; because He is the only being to be worshipped; and because to Him the *Yajur* mantras point out. The meaning, then, of the passage of Purusha Sukta quoted by Williams is this : From that God who is called Purusha, i.e., the Universal Spirit, and who is

also called Yajna for reasons given above have proceeded the Rig, Yajur, Sama and Atharvan.

Eightly, the Mimamsakas declare the Vedas to be enternal and independently existent, a view which does not at all conflict with the former ones.

And lastly, says Williams, "We have the *rishis* themselves frequently intimating that mantras were composed by themselves." In these days of spiritualism, no wonder if the spirits of the *rishis* appeared before Monier Williams and mystically whispered into his ears the composition of the Vedas by themselves. But in so far as the writings of the *rishis* themselves go, not only is the assertion of Williams merely false and baseless but positively injurious and very perverted. For the *rishis* themselves declare themselves to be not at all the authors of the Vedas. The Vedas are regarded by *all* of them as *apaurusheya*, *i. e.*, not production of human beings. I will quote here Nirukta I, 6, 5 :—

साक्षात्कृतधर्माण ऋषयो बभूवुस्तेऽवरेभ्यो साक्षात्कृतधर्मभ्य
उपदेशेन मन्त्रान् सम्प्रादुः । Also, Nirukta II, 3, 2, as follows :—

ऋषिर्दर्शनात् स्तोमान् ददर्शेत्यौपमन्यवस्तदेनांस्तपस्यमानान्
भव्य स्वयम्भवभ्यानर्षत्तद्विणामृषित्वमिति विज्ञायने ॥

The meaning of these is that *rishis* were those people who had realised the truths in the Mantras and having done so began to enlighten

those of their fellow-brethren who were ignorant of the truths in the same. Further on, says Aupamanyava, the *rishis* are only the *seers* of the Mantras, but not the composers.

We have now shortly dismissed with the first proposition of Williams and partly with the second. The assertion of Williams that the mantras of the Vedas were composed by a whole class of men called *rishis* is entirely baseless. Not only were they not composed by the whole class, but not even by one individual of that class. The reason why Williams regards this to be so, is that every mantras of the Vedas gives four things, its Chhanda, Swara, Devata, and Rishi. The name of the *rishi* only indicates the man who, for the first time, taught the meaning of that mantra to the world at large.

The third proposition of Williams is, the Vedas continued to grow till they became so bulky that their division into the present four volumes became necessary. Here, again, Monier Williams betrays his ignorance of Samskrita. For, the fourfold classification of the Vedas, which according to Williams is due to the accretion of compositional matter, and not to any systematic and logical principle, I refer the reader to what I once published in the *Arya Patrika* dated 13th July 1886 :—

“The word *Rig* signifies the expression of the nature and properties of and the actions and reactions produced by substances. Hence,

the name has been applied to Rig Veda as its function is to describe the physical, chemical and active properties of all *material* substances as well as the psychological properties of all *mental* substances. Next to a knowledge of things, comes the practice, application of that knowledge to some end, that end being usefulness to man. Hence Yajur Veda comes next to Rig Veda, the meaning of Yajur being application. It is upon this double principle of liberal and professional or technical education that the well-known division of the course of study of Aryans, the Vedas into Rig and Yajur is based."

After a knowledge of the universe and the practice of that knowledge, comes the elevation and exaltation of human faculties, which alone is compatible with the true Upasana of Brahma. The Sama Veda has, for its function, the expression of those mantras which lead to this exaltation of mind, in which one enters in the condition and becomes illuminated.

Let us not mock at the position taken by the Aryas with respect to the nature of the Vedas, for, there are reasons enough to justify this position. Not being a novel position at all, it is the position that is maintained even according to the Hindu systems of mythology, which are but gross and corrupt distortions of the Vedic sense and meaning. The broad and universal distinction of all training into professional and liberal,

has been altogether lost sight of in the Pauranic mythology, and like everything else has been contracted into a narrow superstitious sphere of shallow thought. The Vedas, instead of being regarded as universal text books of liberal and professional sciences, are now regarded as simply codes of religious thought. Religion, instead of being grasped as the guiding principle of all active propensities of human nature, is regarded as an equivalent of certain creeds and dogmas. So with the Rig and Yajur Vedas. Yet, even in this distorted remnant of Aryan thought and wisdom—the Pauranic mythology—the division of the Vedas into Rig and Yajur, the liberal and the professional, is faithfully preserved. The *Rig* now implies a collection of hymns and songs in praise and *description* of various gods and goddesses ; whereas Yajur, now, stands for the mantras recited in the ritual, the active part of religious ceremonies. This is the view taken by the so-called Scholars of the day.

We come now to Williams' account of the Vedas, He says that the Vedas consist of 3 parts,—I. Mantras: II. Brahmanas; and III. Upanishads. We will not dwell here upon the fact that the only *mantras* are the Vedas and not the Brahmanas and the Upanishads, for the Brahmanas and the Upanishads are mere commentaries of the Vedas. He says :—

“They (the Mantra portion of the Vedas

according to Williams) are comprised in 5 principal Sanhitas or collections of Mantras, called respectively Rig, Atharvan, Saman, Taitreya and Vajasaneyā."

In one fullstop we have two assertions of Williams:—

I.—That Samhita means a collection of Mantras.

II.—That there are five such collections, Rig, Atharva, Sama, Taittiriya and Vajasaneyā.

That Samhita should mean a collection is another indication of Williams' ignorance of Samskrita Grammar. Says Panini 1. 4, 107, परः सन्निकर्षः संहिता, which means that the *Sannikarsh* of one *pada* with another is called Samhita. To make the distinction clear, I will refer the reader not to Panini but to Oriental Scholars themselves. Recently there have been published two editions of Rig Veda—I, Samhita Patha, and 2, Pada Patha. Both are collections of Mantras, but not Samhitas. Now, had Samhita meant collection of Mantras, Max Muller would not have unconsciously refuted himself and his brother scholar Monier Williams. His second assertion is with respect to the number of the Vedas. Vajasaneyā संहिता is just what is known by the name of यजुर्वेद, whereas Taittiriya संहिता is no Mantra संहिता but ब्राह्मण संहिता. Could Williams, unless he had a willingness to distort Samskrita words the literature and a conscious

desire to misrepresent and maliciously interpret every Vedic truth, have ever committed a greater blunder than this ? We are ever reading of वेदत्रयी and वेदचतुष्यी but no one, not even Williams himself, has ever heard or read of वेदपद्धतिकम् The fact is that the reticence or abetment of other scholars has made Williams too bold, and there is not one lie regarding Samskrita literature that his omnipotent sacred pen cannot convert into an *authoritative truth* for the blind. Having defined the Vedas as prayers invocations and hymns, Williams then proceeds to the discussion of another question. I shall state it in his own words.

“To what deities, it will be asked, were the prayers and hymns of these collections addressed ? This is an interesting inquiry, for these were probably the very deities worshipped under similar names by our Aryan progenitors in their primeval home, somewhere on the table-land of Central Asia, perhaps in the region of Bokhara, not far from the sources of the Oxus. The answer is, they worshipped those physical forces before which all nations, if guided solely by the light of nature, have in the early period of their life instinctively bowed down, and before which even the more civilized and enlightened have always been compelled to bend in awe and reverence, if not in adoration.....”*

* Manuscript missing—ED.

We now come to Monier Williams' criticism on the Vedas proper. Here is what Monier Williams has to say on the subject :—

“In the Veda this unity soon diverged into various ramifications. Only a few of the hymns appear to contain the simple conception of one Divine Self-existent, Omnipresent Being, and even in these the idea of one God present in all nature is somewhat nebulous and undefined. Perhaps, the most ancient and beautiful deification was that of Dyaus, ‘the sky’ as Dayausth-pitar, ‘Heavenly Father’ (the Zeus or Jupiter of the Greeks and Romans). Then, closely connected with Dyaus, was a goddess Aditi, ‘the Infinite Expanse,’ conceived of subsequently as the mother of all the gods. Next came a development of the same conception called Varuna, ‘the Investing sky,’ said to answer to Ahura Mazda, the Ormazd of the ancient Persian (Zand) mythology, and to the Greek *Ovpavas*—but a more spiritual conception, leading to a worship which rose to the nature of a belief in the great....This Varuna, again, was soon thought of in connection with another somewhat vague personification called Mitra, ‘god of day.’ After a time these impersonations of the sky and celestial sphere were felt to be too vague. Soon after, therefore, the great investing firmament resolved itself into separate cosmical entities with separate

power and attribute. *First*, the watery atmosphere—personified under the name of Indra, ever seeking to dispense his dewy treasures (*indu*), though ever restrained, *secondly*, the wind—thought of either as a single personality named Vayu, or as a whole assemblage of moving powers coming from every quarter of the compass, and personated as Maruts or 'Storm-gods.' At the same time in this process of decentralization—if I may use the term—the once purely celestial Varuna became relegated to a position among seven secondary deities of the heavenly sphere called Adityas (afterwards increased to twelve, and regarded as diversified forms of the sun in the several months of the year), and subsequently to a dominion over the waters when they had left the air and rested on the earth."

"Of these separately deified physical forces by far the most favourite object of adoration was the deity supposed to yield the dew and rain, longed for by Eastern cultivators of the soil with even greater cravings than by Northern agriculturists. Indra, therefore—the Jupiter Pluvius of early Indian mythology—is undoubtedly the principal divinity of Vedic worshippers, in so far at least as the greater number of their prayers and hymns are addressed to him."

"What, however, could rain effect without the aid of heat? A force the intensity of which

must have impressed an Indian mind with awe, led him to invest the possessor of it with divine attributes. Hence the other great god of Vedic worshippers and in some respects the most important in his connection with sacrificial rites, is Agni (*Latin Ignis*), 'the god of fire.' Even Surya, 'the sun' (*Greek helios*), who was probably at first adored as the original source of heat, came to be regarded as only another form of fire. He was merely a manifestation of the same divine energy removed to heavens, and consequently less accessible. Another deity Ushas, 'goddess of the dawn'—the.....of the Greeks,—was naturally connected with the sun, and regarded as daughter of sky. Two other deities, the Ashvins, were fabled as connected with Ushas, as ever young and handsome, travelling in a golden car and precursors of the dawn. They are sometime called Dasras, as divine physicians, 'destroyers of diseases; sometimes Nasatyas, as 'never untrue.' They appear to have been personifications of two luminous points or rays imagined to precede the break of day. These, with Yama, 'the god of departed spirits,' are principal deities of the Mantra portion of the Veda.'

Herein there are 13 points that Monier Williams brings in and also exactly 13 points that can be disputed. Williams points out that the Vedas sanction the worship of :—

1. Dyausth-pitar, as the father of the sky
Dyauh-pitar, which among Greeks or Romans becomes Zeus or Jupiter.
2. Aditi, the goddess of infinite expanse mother of all gods.
3. Varuna, the god of investing sky, corresponding to Ahurmuzda of Persians and Ozr and Gos of Greeks.
4. Mitra, the god of the day, associate of Varuna.
5. Indra, the god of the watery atmosphere.
6. Vritta, the spirit of evil that opposed Indra.
7. Vayu, the god of wind.
8. Maruts, the storm-gods.
9. Adityas, who were first regarded as seven in number. The number was finally increased to 12. The worship of the sun and 12 solar months being thus established.
10. Agni, god of fire.
11. Ushas, goddess of dawn.
12. Ashvins, twin precursors of dawn, called also Dasras or doctors and Nasatyas or never untrue.
13. Yama, the god of departed spirits.

Each one of these positions can be disputed but we have neither time nor Williams' provocation to do so. It would take us a long time to run over the list of these 13 gods and show that Williams has not understood any one of

these. But it would be useless, as Williams only quotes the Vedas on the subject of only seven out of these thirteen, *i.e.* Varuna, Mitra, Aditya, Agni, Ashvins and Yama, and two more *kala* or Time and *ratri* or Night, and leaves the remaining undiscussed.

On some future occasion we shall take up each of these assertions in turns and show the strength of the proof on which Williams bases the truth of his assertions. But at present we have neither time enough nor the disposition to perform this task, as another and more important question is pressing. Suffice it to say then, that in the opinion of Monier Williams the Vedas are records of a rude and barbarous age when fetish-worship prevailed, when the various objects and forces of nature, like the sky, the firmament, the vast expanse, the day, the watery atmosphere, the cloud, the wind, the storm, the rain, the sun with its 12 months, the fire, the dawn, the day-break and the spirits of the dead were worshipped. Of course, Monier Williams asserts that the deified forces addressed in the mantras, were probably not represented by images or idols in the Vedic period; but he says that doubtless the early worshippers clothed their gods with human form in their imaginations. Williams' panegyric, then, on the non-idolatrous character of the Vedas, is a mere panegyric and no more. His object is, however, to show that, notwithstanding all

allowances that can be made, the Vedas are, at the best, books that contain fetish-worship and low, uncivilized theology. For, let us remind you of the quotation that we cited in the beginning He says :—

“In the Veda, this unity soon diverged into various ramifications. Only a few of the hymns appear to contain the simple conception of one divine self-existent omnipresent being and even in these the idea of one God present in all nature is somewhat nebulous and undefined.”

Our object at present is simply to point out that nowhere can these remarks of Williams be so well applicable as in the case of the Bible, the Bible which Monier William holds in such esteem, the Bible which he calls the sacred word of God, teaching the only true religion, as opposed to three religions of the world,—Brahmanism, Islam and Buddhism, whereas the Vedas do, not in a few passages only, contain the simple conception of a Divine Self-existent Omnipresent Being, but throughout the Vedas we find God described as a Divine Self-existent and Omnipresent Being, and not only is this idea not cloudy, nebulous or undefined even in these ~~passages~~, but there can be no clearer statement on the subject than that contained in the Vedas.

We shall show that the Vedas only sanction pure undefiled monotheism, whereas the Bible is the book wherein the idea of one Divine,

Self-existent, Onmipresent God is most nebulous and extremely undefined.

To come to the Vedas :—

तमीशानं जगतस्तस्थुष्पतिं धियं जिन्वमवसे हूमहे वर्यं ।
पूषा नो यथा वेदसामसद्वृथे रक्षिता पायुरदद्धः स्वतये ॥
ऋ० १ अ० ६ व० १५ म० ५ ॥ the meaning of which is :—

We worship Him, the Lord of the universe of the inanimate and animate creation, for, He is the blesser of our intellect and our protector. He dispenses life and good among all. Him do We worship, for as He is our preserver and benefactor, so is He our way to bliss and happiness also.

Again—तद्विष्णोः परमं पदं सदा पश्यन्ति सूर्यः ।
दिवीव चक्षराततम् ॥ ऋ० अ० २ व० ७ म० ५ ॥ The wise people always desire to obtain communion with Him who pervades everywhere, for, He is everywhere, Neither time nor space, nor substance can divide Him. He is not limited to one time or one place or one thing, but is everywhere just as the light of the sun pervades everywhere in unobstructed space.

Again—परीत्य भूतानि परीत्य लोकान् परीत्य सर्वा
प्रदिशो दिशश्च । उपस्थाय प्रथमजामृतस्थात्मनां गानमभि
संविवेश ॥ य० ३२ । ११ ॥

God pervades through all matter and space even the distant suns, the far-off directions and is consciously present everywhere. He is con-

scious of His own powers. He made the elemental atoms with which to begin the creation of the Universe. He is all-bliss and eternal happiness. Any human soul that perceives and realises the existence of this Divine Being within himself and lies in the presence of this God, is saved

महद्यज्ञं भुवनस्य मध्ये तपसि कान्तं सलिलस्य पृष्ठे ।
तस्मिन्द्वयन्ते य उ के च देवा वृक्षस्य स्कन्धः परित इव
शास्त्राः ॥ अथर्वा० का० १० प्रथा० ३८ । अनु० ४ मं० ३८ ॥

Brahma who is the greatest of all and worthy of being revered by all, who is present in all the worlds, and fit to be worshipped, whose wisdom and knowledge are boundless, who is even the support of the infinite space, in whom all reside and are supported, as a tree resides in the seed and is supported by it, so is the world supported by Him.

न द्वितीयो न तृतीयश्चतुर्थो नाप्युच्यते ॥ न पञ्चमो न
षष्ठः सप्तमो नाप्युच्यते ॥ नाष्टमो न नवमो दशमो नाप्युच्यते ॥
तमिदं निगतं सहः स एष एक एकवृदेक एव । सर्वे अस्मिन्
देवा एकवृतो भवन्ति ॥ अ० का० १३ अनु० ४ मं० १६—२१॥
He is only one, there is no second, no third, no fourth God. There is no fifth, no sixth, no seventh God, Yes, there is no eighth, no ninth no tenth God. In him, the Unitary Being, all live, move and have their being.

You have seen, then, what the religion of the Vedas is. Can there be better, clearer, more distinct expression of monotheism than this ?

Can we better assert the divinity and omnipresence of God ?

We now come to the Bible, the pet darling of Monier Williams, the Christian's rock of ages , to prove the excellence of which Monier Williams so misinterprets, distorts and vilifies the Vedas.

Bishop Watson in his letters to Thomas Paine said, "An honest man, sincere in his endeavours to search out truth in reading the Bible, would examine first whether the Bible attributed to the Supreme Being any attribute repugnant to holiness, truth, justice and goodness. whether it represented Him as subject to human infirmities."—B. Watson, P. 114.

I would follow the same course. We find that the Bible does represent God as subject to human infirmities and that it does attribute to Him attributes repugnant to holiness, truth, justice and goodness.

It represents God as subject to human infirmities. It represents Him as having *body*, subject to wants and weaknesses like those of ourselves. When He appears to Abraham, He appears, according to the Bible, as three angels. Then they talked to Abraham, etc. The Bible runs thus.

"2. And he (Abraham) lifted up his eyes and looked, and, lo, three men stood by him: and when he saw them, he ran to meet them from the

tent door, and bowed himself toward the ground.

3. And said, my Lord, if now I have found favour in thy sight pass not away, I pray thee, from thy servant :

4. Let a little water, pray you, be fetched, and wash your feet, and rest yourselves under the tree.

5. And I will fetch a morsel of bread, and comfort ye, your hearts; after that ye shall pass on: for, therefore, are ye come to your servant, And they said "so do, as thou hast said."

6. And Abraham hastened into the tent unto Sarah, (his wife) and said, "Make ready quickly three measures of fine meal, knead it, and make cakes upon the hearth."

7. And Abraham ran into the herd, and fetched a calf tender and good, and gave it unto a young man; and he hasted to dress it.

8. And he took butter; and milk, and the calf which he had dressed, and set it before them; and he stood by them under the tree, and they did eat.

9. And they said unto him. Where is Sarah thy wife ? And he said, Behold, in the tent.

10. And he said, I will certainly return unto thee according to the time of life; and lo, Sarah, thy wife, shall have a son."—*Vide Genesis, Chap. XVIII.**

*The rest of the criticism is missing.—Ed.

We now propose to deal with the 50th Sukta of the first *Ashtaka* of the Rig-veda, whose translation as well as remarks thereupon by Monier Williams, we subjoin herewith. Says Monier Williams :—

“The next deity is Surya, ‘the Sun’,* who with reference to the variety of his functions, has various names—such as Savitri, Aryaman, Mitra, Varuna. Pushan, sometimes ranking as distinct deities of the celestial sphere. As already explained, he is associated in the minds of Vedic worshippers with Fire, and is frequently described as sitting in a chariot drawn by seven ruddy horses (representing the seven days of the week), preceded by the Dawn. Here is an example of a hymn (Rig-veda 1, 50) addressed to this deity, translated almost literally :—

“Behold the rays of Dawn like heralds, lead on high
The Sun, that men may see the great all-knowing
god.

The stars slink off like thieves in company with Night,
Before the all-seeing eye, whose beams reveal his
presence.

Gleaming like brilliant flames, to nation after nation,
With speed, beyond the ken of mortals, thou, O Sun,
Dost ever travel on, conspicuous to all.

Thou dost create the light, and with it dost illumine

*Yaska makes Indra, Agni and Surya, the Vedic Triad of gods.

The universe entire; thou risest in the sight
 Of all the race of men, and all the host of heaven.
 Light-giving Varuna ! thy piercing glance doth scar,
 In quick succession all this stirring, active world,
 And penetrateth too the broad ethereal space.
 Measuring our days and nights and spying out
 all creatures.

Surya, with flaming locks, clear-sighted god of day,
 Thy seven ruddy mares bear on thy rushing car,
 With these thy self-yoked steeds, seven daughters
 of thy chariot,
 Onward thou dost advance. To thy resplendent orb,
 Beyond this lower gloom and upward to the light
 Would we ascend, O Sun, thou god among the gods."

In this paragraph Monier Williams asserts:

(i) That Surya, sun, was worshipped as a deity under different names, Aryaman, Mitra, Varuna and Pushan.

(ii) That in the minds of Vedic worshippers Surya was associated with Fire

(iii) That Surya is described as sitting in a chariot drawn by seven ruddy horses preceded by the dawn.

(iv) That these ruddy horses represent the seven days of the week.

Monier Williams subjoins an almost literal translation of the 50th Sukta of the 1st Ashtaka of the Rig-veda, which has been mentioned before.

We need not say that Pushan, Varuna, Mitra, Aryaman and Savitri are only other names of the same Surya, and that Agni is also another name for it, but, unlike Williams, they

are not the different names under which Surya, the sun, was worshipped. Surya is rather the God of the Universe सूर्य आत्मा जगतस्तस्युः: He is the Universal Spirit that pervades the whole animate and inanimate creation.

The *Sapta harita* are not the seven ruddy horses of the sun that pull his chariot, nor has sun any chariot. The *Sapta harita* are seven rays as shall appear further on. The *ratha* means this sublime universe. The seven days of the week are not the seven *haritas*. But the value of Williams' translation will appear better after the true translation is given.

We shall now proceed with our explanation on each one of the Mantras giving Monier Williams translation of the same, so that both might appear side by side in a position fit to be compared.

.....*the . Divine essentials within the very interior of ever living soul.

Compare with the above the Monier Williams' translation of the same(3rd)mantra. Says he:—

“(The Sun), whose beams reveal his presence, Gleaming like brilliant flames, to nation after nation.”

In vain do we seek for that purity of meaning, that sublimity of thought, that, absorbing importance of the subject-matter, in Williams' translation of the Mantra. जनां अनु, to Williams'

* Manuscript missing.

scholarly mind, means nation after, "nation." The Ketavah and Agnayah become beams and brilliant flames. In vain do the philologists of the West try to distort the sense of Vedic Mantras, and to make it correspond with the records of a primitive, comparatively savage and mythological age. We say, in vain do these so-called scholars of oriental languages try to interpret the Vedic records according to the light of their brain-bred, we mean, fancy-bred science, philology. For, all philologies, scholarships and learnings melt away like ice before the concentrated, penetrative, heat-pouring potent beams of truth.

We now come to the 5th Mantra of this Sukta, with Monier Williams' characteristic translation....."Thou (the sun) risest in the sight of all the race of men, and all the host of heaven." Can Williams ever be said to understand the meanings of Vedic Mantras, or say specifically of this Mantra ? Where is his conception of Vedic mythologies? Where is his keen Chrisitian sense which smells of element-worship in the Vedas ! Has it gone so wrong as to incapacitate him even from understanding the simplest things. The sun never rises at once in the sight of all the race of men; but poor ignorant superstitious Vedic worshippers might

have imagined so, but can even an idiot, a Zulu savage, that has not even the millionth part of the experience that Williams has—can he, even he imagine the sun to rise in the sight of all the host of heaven—he means the starry firmament. No ! Expressed in the language of a savage, the sun simply blinds the glittering sight of the starry host of heaven. It simply blows the night-gems, the stars, into a fine powder of nothingness and oblivion. But it never rises in the sight of all the host of heaven, for, as it rises, the stars get blinded and shrink into nothingness. Whence, then, the mistake into which Monier Williams has stepped. Clearly it is thus. Williams translates देवानाम् into the starry host of heaven. He has forgotten his translation of *deva* into gods and deities. But here देवानां means all the host of heaven. Monier Williams' memory further slips the words of the Mantra प्रत्यङ्गवश्वं स्वर्गशे । It seems that the Vedic poet had put this unmeaning phrase here only to keep up the poetical metre ! But another explanation is possible. Williams was so much occupied with all the host of heaven that as the sun rose, with the host of heaven, departed his memory of this phrase also. Hence the vacuum in his translation.

We have said that God is the cause of this panorama of the universe. Is he not fit to be worshipped ? He who undoubtedly lives in us,

mortal मानुषान् men, and in the hearts of the wise देवाः as well as the material objects of creation. He who lives by, actually residing in the interior of every thing and being प्रत्यक्ष, yes, He is the most fit object of our worship. In worshipping Him, we do not worship a mere phantom-picture, we do not worship a distant being or existence, but the ever-present, omniscient living God. It is no worship of Christ, one, who, if Bible-gossip be true, lived and died some 1900 years ago, who is now no more among us, who lived in Judea and Jerusalem, not in India or America, who lived among the Hebrews, not among the Aryas and the American Indians, and in spite of all this, who only lived, but does not live as he did once in human form, in flesh and blood. Christ-days are gone, but God-days are ever alive. Compared with the pure and sublime faith of the Vedas, which is also the faith of the Aryas, compared with the worship of the living Divinity in us, Christianity is but a very crude form of Idolatry. Furthermore, the Vedas enjoin a Divinity-worship, not in solemn words and amid congregations, in sky-piercing churches and “farces of fruitless prayer.” but in the living temple of human heart, a worship which consists only in the *realisation* on *earth* and hereafter of that *Universal bliss*, that reigns calmly everywere, विश्वस्वदशे.

We talk of no production of our imagination when We speak of the worship of God in the living temple of the human heart. This alone is the true worship. It conducts itself as naturally and silently as the fragrance of flowers. It requires no set formulæ of the churches, no *Bhajans* and *Sangit-malas* of his or her composition. True worship is an undisturbed mind, a virtuous life perpetual. Says Krishna:—

ईश्वरः सर्वभूतानां हृदे शोऽज्ञुनं तिष्ठति “The residence of God is in the innermost heart of man.” Let us supplement this idea with quotations from the Vedas and the Upanishads.

“Any place where the mind of man can be undisturbed is suitable for the worship of the Supreme Being”

The vulgar look for their gods in water; the ignorant think they reside in wood, bricks and stones; men of more extended knowledge seek them in celestial orbs; but wise men worship the Universal Soul.

“There is One living and true God, everlasting, without parts or passions; of infinite power, wisdom, and goodness; the Maker and Preserver of all things.

“That Spirit, who is distinct from matter and from all beings contained in matter, is not various. He is One and He is beyond description, whose glory is so great that there can be no image of Him. He is the Incomprehensible

Spirit, who illuminates all and delights all:from whom all proceed,by whom they live after they are born; nothing but the Supreme Being should be adored by a wise man.”

“Through strict veracity, uniform control of the mind and senses, abstinence from sexual indulgence, and ideas *derived* from spiritual teachers men should approach God, who, full of glory and perfection, works in the heart, and to whom only votaries, freed from passion and desire can approximate.”

Let us not multiply quotations in proof of our position. But rather, let us, like sincere devotees of the truth, confess that formal congregational worship is quite informal, and that, worship, and true worship, is never offered in words, not at all in pathetic, tear-shedding sermons. The only true worship is that Vedas enjoin and which we also should learn to conduct is the practice of strict veracity, of uniform control of mind and senses, of abstinence from sexual indulgence, of learning lessons from spiritual teachers, and of freedom from passion and desire.

This, then, is, in brief, the Vedic Worship. Contrast with it, if you please, the worships of the whole religious world. This worship alone can lead us to the realization of pure Divine wisdom. No other can. For the Light, the Intelligent Light चक्रम्, that shines through the

world and through men, that witnesses all our actions जनां पश्यसि, and regulates the phenomena of the material spheres भुरेयन्तं अनु, is the light that can lead us to wisdom and purity वरुण पावक ॥ Let it be understood, then, that none who has not learnt to conduct this true worship of the Universal Soul can ever attain to purity and wisdom. This is the true mode of worship, for, this exactly is the sense of the 6th Mantra of the 50th Sukta of Rig Veda which runs thus :—

येना पावक चक्षमा भुरेयन्तं जनां अनु । त्वं वरुण
पश्यसि ॥ ६ ॥

A REPLY,
IN THE FORM OF FOOT NOTES,
TO MR. T. WILLIAMS' LETTER.

ON
“IDOLATRY IN THE VEDAS.”
ADDRESSED TO THE EDITOR, ARYA PATRIKA.

DEAR MR. EDITOR.--It is now some time since I addressed you. The fact is that it is only now that I have the leisure to write to you; and I trust that the courtesy which then actuated you in venturing to insert my communication in your paper, will now too induce you to do so.

My subject is “*Idolatry in the Vedas.*” Before opening my argument, let me state what “idolatry” is. It is not merely the worship of any thing man has made of wood or stone or metal or any such thing. It is the worship of the creature instead of the Creator *i. e.*, the worship of anything whatsoever other than God. (*) I think you will agree to this; I should think, no Arya would demur to it, but rather accept it as a sufficient definition. And now to my argument.

If my definition be true, then the worship of the atmosphere, or of the water, or of the sun,

*We quite concur with this definition. Idolatry is, worship of anything whatsoever other than God. And according to this definition; God of Nature being one ‘the worship of three “Gods of the Trinity” is also idolatry, and so is the worship of ‘Man-god’ or ‘God-man,’ and so also the worship of the Infallible word. The worship of the Cross is no exception to this. .

or of the dawn, or the Soma juice, is *idolatry*. Now, I assert that in the Rigveda, we find the worship of all these creatures *i. e.*, the worship of other than God. In this paper I shall not attempt to substantiate my assertion with regard to all these creatures enumerated, and shall probably find that what I have to say about the worship of the atmosphere will be fully sufficient for this article.

Now, Sir, we have Mr. Guru Datta's authority for saying, that in Rigveda, 1.2.1. the word *Vayu* means the atmosphere, (*vide* Vedic Texts, No. 1). In that verse, *Vayu* is in the vocative case, and must be rendered, in English, "O *Vayu*"! The *pada* form of the verse shows authoritatively that this is so. Indeed, Sanskrit Grammar cannot allow of any other case. *Vayu* being in the vocative, the verbs depending upon it are in the imperative, as might be expected. There are three verbs, thus dependent, which must be rendered to English, as 'come,' 'drink,' and 'hear.' The person addressed to in each case is *Vayu*, so that we have "O *Vayu*, come,—O *Vayu*,—drink,—O *Vayu*, hear." With Mr. G. Datta's authority let us put atmosphere, for *Vayu*, and we get. "O atmosphere, come—O atmosphere drink—O atmosphere hear." Of course, Mr. Guru Datta cannot possibly be wrong. But if he be right, then we have the Veda recording the edifying fact that some

simple minded Arya, ages upon ages ago, thought that atmosphere was a god that would come at his invitation, drink at his request and listen to his call ! ! This simple Ayra was of a sociable turn, for the beverage* he had prepared for the atmosphere to drink was the exhilarating Soma so beloved of the gods and of Indra in particular.†

*The writer of this article Mr. Williams betrays a strange ignorance of Samskrita Grammar here. Besides the fact, that there is nothing in this Mantra to substantiate that the "Soma" is the beverage referred to. there is something to show that the word "Soma" does not mean "beverage" here. The Samskrita word are "Ime Somah," which mean "these Somas." Now had Soma meant, "beverage," we should have met with the word "Soma" in the Singular number and the qualifying pronoun "asau" or "aym" and not "ime." It will not do to say that there may be many kinds of beverage, for although it may be true, "Soma" is one kind of beverage, and hence cannot be spoken in the plural number. To substantiate his view, mr. Williams should also quote Mantras that deal with the materials of "Somah" and of their mode of preparation.

†"Soma so beloved of the gods and of Indra in particular." Mr. Williams is here in his "clerical" moods. Justice would require that he should make the best of this mantra, and reserve his "highly accurate information," on other points till occasion requires, or, if he is so fond of thrusting his well-acquired mythological information," he can substantiate it there and then. What proof has he given in this article of the assertion that Somah is beloved of all the gods and

The correct rendering of the verse, both etymologically and grammatically is, 'Come O sightly Vayu, these *somas* are prepared. Drink of them. Hear our invocation.'

particularly of Indra. But he might say, that although he has not given any proofs in this article yet proofs can be forthcoming. Will he allow the same license to his adversary ? No. it will be against Christian Justice. Without waiting for proofs, just as we have to wait for proofs to be given by Mr. Wiliams, Mr. Williams construes the silence of the author of a Vedic text on certain grammatical forms into serious charge ! He says, 'It is because if he did so and so honestly (*t. e.*, discussed the grammar) he could not regard the verse as a scientific statement of any sort whatsoever, for, grammar would compel him to represent the verse as the simple prayer of a simple-minded Arya, whose real conceptions of a God rose no higher than that of regarding the atmosphere around as something divine, that might come at his call, drink of the "soma" he had prepared, and listen to his call.' Surely it is a "Christian" virtue to attribute motives without the slightest evidence for them. Let us however, give a parody. Why is it that Mr. Williams does not substantiate his meaning of "soma" juice, the plural number of the word "soma," "together with a plural pronoun "ime," and the assertion that "soma" was much beloved of the gods and particularly of Indra. It is because if he did, and did so honestly he would find his meanings falsified, instead of being substantiated. and himself a mere misrepresenter of Vedic mantras, through fear that if the Vedas turn out to be true, what will become of the almost score-centuried Bible Revelation ;

I have demonstrated then, by the help of Mr. Guru Datta, that there is *Idolatry in the Vedas*. (*)

* In the Light of T. Williams' logic and learning, the use of a noun signifying anything other than God in the vocative case, and the consequent use of the 2nd person in the depending verbs, etc; or of the imperative mood, is a proof incontestable of Idolatry in a book that so reads. I quote from Shakespeare "Frailty, thy name is woman," and apply the canons of T. Williams here. Frailty is in the vocative case, 'thy' is a pronoun in the 2nd person. Hence this verse clearly proves the existence of idolatry in Shakespeare's Hamlet. But T. Williams has to say that it is not only these features in the Vedas but the atmosphere represented as capable of coming, drinking and hearing, which proves idolatry.

Let me quote from 'In Memoriam' (Tennyson).

"So careful of the type? but no!
From scarped cliff and quarried stone
She cries, "Athens and types have gone,
I care for nothing, all shall go.
Thou makest thine appeal to me.
I bring to life, I bring to death:
The spirit deth but mean the breath:
I know no more," etc;

Here Nature is represented as "crying" 'caring for nothing' 'hearing appeals' 'answering appeals' 'bringing to life' 'bringing to death' "knowing" only something. Are not these clear indications of idolatry. Or again :—

O sorrow, wilt thou live with me,
No casual mistress, but a wife.
My bosom frind and 'half of life'
As I confess it need must be;
O sorrow, thou wilt rule my blood,
Be sometimes lovely like a bride.
And put thy harsher mood aside,
If thou wilt have me wise and good.

No, Mr. Editor, whoever impugns my argument, must do so in one or more of these ways, *i.e.* first, he may impugn Mr. Guru Datta's rendering of Vayu as Atmosphere; or, second, he may deny that Vayu is in the vocative case; or, thirdly, he may deny that Ayahi, pahi, and shrudhi are in the second person, singular, imperative. Whoever cannot do this is bound (*) to accept the conclusion I have stated, that there is *Idolatry in the Vedas*.

I will begin with the third case, and ask, are 'Ayahi,' 'pahi' and 'shrudhi' (the spelling is Mr. Guru Datta's) in the second singular, imperative; or are they not? Every sound grammarian would

Here is sorrow in vocative case, with second person, pronoun, "thou" represented as capable of living as a wife, as hearing, as confessing, as ruling, as desiring others to be good and wise; and here is poet-laureate appealing to this god in prayer "wilt thou." Can there be anything clearer than this.

It is, indeed, very strange that these and other passages so often occurring in English poetry will be construed neither by T. Williams, nor by any other Christian philologist, but as the result of poetic imagination, and personification; and yet, when even these philologists come across similar passages in the Vedas, they forsake their common sense and at once begin to find idolatry in the sacred books of the "pagans."

* As much bound to accept as, T. Williams to accept the conclusion that there is idolatry in the passages of Shakespeare and Tennyson given above.

say they are. The mere tyro in grammar would know that 'Ayahi' is as I have said. It is evidently a Vedic as well as a later Sanskrit form. It cannot possibly be anything else, so Yaska, when he quotes this verse (Nir. 10,2), does not give the modern equivalent of Ayahi simply because the ancient and modern forms are identical, or, to use technical terms, the word Ayahi is both Naigama and Laukika. But for 'pahi' and 'shrudhi,' Yaska does give their modern equivalents and says they mean 'pivahi' and 'shrinu.'

Now, Sir, I find 'Ayahi' occurs 64 times in the Rigveda, and 'yahi' 67 times, and in every case they are to be translated as 2nd sing, impv, so that any man that translates otherwise is to be condemned on every hand as violating the plainest grammar and disregarding venerable authority. Now, I find that Dayananda Sarasvati renders 'Ayahi' not 'Agacchava,' but it is to Agacchati that he clings. So he gives for 'pahi,' 'rakshayati,' and for 'shrudhi,' 'shravayati.' The man who dares to say that 'Ayahi' = Agacchati or; pahi = rakshayati' or 'shrudhi' = shravayati' does so in utter defiance of grammar or authoritative precedent. There is absolutely no justification for such rendering in any shape or way. For a man to treat a book that he professes to revere, in this

disgraceful way, stamps him as one utterly unscrupulous(*). I have another instance of Dayananda's scant respect for the book that he proclaims as superior to any other, and, Mr. Editor, I shall give it to you in some future paper.

But now one must ask how Mr. G. Datta deals with these verbs. He says nothing about them grammatically. This is extraordinary, for, he sets out with declaring that the will show how the Veda teaches us what the atmosphere is. Now, if the Veda asserts a thing, it must employ a verb in order to do so. But of the three verbs employed in the verse Mr. G. Datta says nothing *qua* verbs, *i.e.* he does not discuss their grammar in the least; and as with the verbs so with the nouns. The grammar is not discussed in the least. Why is this? It is because if he did and did so honestly, he could not regard the verse as a scientific statement of any sort whatever, for, grammar would compel him to represent the verse, as the simple prayer of a simple-minded Arya, whose rude conceptions of a God were no higher than that of regarding the atmosphere around us something divine, that

* If in explaining the above lines of Tennyson, a Professor in the Chair of English language, should convert "O Sorrow" into mere "Sorrow," he would be, equally with Dayananda Sarasvati, "violating the plainest grammar and disregarding venerable authority." The English Professor who dares do so in defiance of grammar or authoritative precedent, must be regarded as utterly unscrupulous."

might come at his call, drink of the *soma* he had prepared, and listen to his call. Mr. Guru Datta makes the science, he asserts the Rigveda contains, depend not upon grammar and authoritative rendering, (such as *Yaska*), but upon etymology; and the futility of this as regards its securing for the Rigveda any extraordinary credit, I have already shown when I demonstrated that 'Vayu,' air and wind, have exactly the same connotation, so that what may be claimed for the one, may, with equal right, be claimed for the three.

Now, this goes to show that the rendering of the Veda, as put forth by Dayananda and his followers, is not to be trusted, but on the contrary is to be thoroughly mistrusted. If this be the Sanskrit Grammar and exegesis taught in the Dayananda College, it needs no special inspiration to confidently predict that it will be an evil day when any of the alumni of that College go in for a Government Examination in Sanskrit. (*)

* Such a malicious language is purely Christian, for, to tell the truth, not only is the Dayananda Anglo-Vedic College suffering from this mistrustful teaching of idolatry, but all Schools and Colleges where Milton, Tennyson, Shakespeare, Goldsmith and the remaining host of Christian yet idolatrous poets are taught, are suffering from the same disease.

Mr. Editor, there is an axiom of Panini, 'Bahulam cchandasi,' which occurs in his grammar some 18 times. Now this axiom or *sutra* would seem to be the Magna Charta of Dayananda and his followers, for, it means in the hands of unscrupulous people, that the Veda may mean just what any one may choose to make it mean ; and so becomes not merely "Bahulam" but 'bavala.' (*)

The passages quoted by Pandita Guru Datta are, after all, from the works of poets, who may, (according to Mr. T. Williams' conons, of course) inculcate the rarest idolatry for what Mr. Williams cares. A man of such deep faith would require something directly from the "inspired writings" To please Mr. Williams we open the word of God and, after a minute's looking over, light on the following edifying passages .—

"Lift up your heads, O ye gates; even lift them up, ye everlasting doors: and the king of glory shall come in." David's Psalms, Psalm XXIII. Verse 9. Make a joyful noise unto God, all ye lands." D, PS P. LXVI. V. I. "Why leap ye, high hills? David's Psalms, Psalm. LXVII.

We leave it to Mr. Williams to say whether or not the Bible, inculcates idol-worship according to his mode of finding out idolatry in another man's sacred book — *Ed. A P.*

* The charge is utterly unfounded, and only proves the 'bavala' of the writer of the charge.—*Gurudatta Vidyarthi*.

A REPLY
TO
Mr. T. WILLIAMS' CRITICISM
ON NIYOGA.

Says a writer,—“To ascertain what a person's character is, inquire of him concerning the God in which he has faith; and in his reply, if legitimately and honestly stated, will be a disclosure of *his own* disposition and spiritual or intellectual growth.”

This proposition is perfectly true. The whole experience of man and nations justifies it, and the Bible of the Christians is also a proof of it, “God made man in His own image.” says the Bible (Genesis, 1, 26). Therefore, man, as an image, reveals the nature of God, or man is (in his own notion) just what his God is. Or, perhaps, it is more true to say that man makes God after his own image. Even in this case God is a true index of his own character and intellectual worth. Taking this truth as our guide, we wish to examine, in this chapter, T. Williams' character and worth as a critic of Dayananda. For, as it is invariably true that “it is a giddy head that thinks that the world turns round,” may it not be that what Mr. T. Williams stands himself accused of, be exactly what he charges Dayananda with. The fact is, that T. Williams has the good

fortune of wearing the spectacles of Christian perjudice, and to him, just as to a jaundiced eye, everything appears tinged with the colour of his spectacles. T. Williams in his article appended herewith charges Dayananda with:—

- I. Having scant respect for the Vedas.
2. Preaching the *astounding, grossly immoral and monstrous* doctrine of Niyoga.
3. Having the unenviable distinction of so fathering the doctrine on the Rig Veda.
4. Telling a lie, gross lie, a terrible lie, and with scandalously falsifying the Vedas.
5. Idiocy.
6. Being a dangerous enemy of Vedas of his time; and, *lastly*, T. Williams, with a truly Christian spirit absorbed at the pulpits, damns Dayananda and his doctrine.

In this chapter we shall make no distinction between “Lord,” as occurring in the Old Testament, and Christ. For, the “Lord” of the Old Testament is Jehovah, or God, whereas the world renowned (because of its pre-eminent intelligibility) doctrine of Trinity will have that God the Father (Jehovah); God the Son (Christ) and Holy Ghost (the Lord) are one and the same. We will, therefore, substitute for the word “Lord” in the Old Testament, the word Christ, to give it a pleasant modern Christian, garb. And now to proceed with the subject. We

shall show that what T. Williams accuses Dayananda of, if the Bible be true, is what Christ (Jehovah or Lord) stands accused of.

T. Williams accuses Svami Dayananda *Firstly*, of having scant respect for the Vedas.

Now to quote Paul (1 Cor. 7, 12). "But to the rest speak I *not the Lord*" Again (2 Cor. 11, 17). That which I speak, I speak it *not after the Lord*, but as it were *foolishly*, in this confidence of boasting." But be it remembered that Paul is an inspired personage and Paul's inspiration, which means Christ's thoughts, led him to say that what he is inspired of (a portion of the Bible), is not after the Lord but foolish and uninspired. Therefore, God or Christ stands accused of having scant respect for the Bible, for he declares that the Bible is not inspired.

Secondly, T. Williams, accuses Svami Dayananda of preaching the astounding, grossly immoral, and monstrous doctrine of Niyoga. We quote from Deuteronomy XXV : 5—10—"If brethren dwell together, and one of them dies and has no child, the wife of the dead shall not marry without unto a stranger, her husband's brother shall go in unto her, and take her to wife, and perform the duty of an husband's brother unto her and it shall be that the first born, which she beareth, shall succeed in the name of his brother, which is dead that his

name be not put out of Israel. And if the man like not to take his brother's wife, then let his brother's wife go up to the gate unto the elders, and say 'my husband's brother refuseth to raise up unto his brother a name in Israel. He will not perform the duty of 'my husband's brother.' Then the elders of the city shall call him, and speak unto him : and if he stand to it, and say, 'I like not to take her'; then shall his brother's wife come unto him, in the presence of the elders, and loose his shoe from off his foot and spit in his face and shall answer and say, "so shall it be done unto that man that will not build up his brother's house—and his house shall be called in Israel the house of him that has his shoe loosed," This is clearly *Niyoga*, and so Christ stands accused of preaching "the astounding, grossly immoral, and monstrous doctrine of *Niyoga*,"

Thirdly, and consequently, Christ stands accused of having the unenviable distinction of having fathered this doctrine upon the Bible.

Fourthly, T. Williams accuses Dayananda of telling lie, a deliberate lie, a terrible lie, and a scandalous falsification,

Now, I Kings, 22, 23. "And there came forth a spirit, and stood before the Lord, and said, I will persuade him. And the Lord said unto him, wherewith ? And he said, I will go forth, and I will be a lying spirit in the mouth

of all his prophets. And he said; thou shalt persuade him, and prevail also; go forth, and do so. Now, therefore, behold, the Lord hath put a lying spirit in the mouth of all these, thy prophets, and the Lord hath spoken evil concerning thee." Again, (2 Thes.2.11) "and for this cause, God shall send them strong delusion, that shall believe a lie."

Does not the Christian God here stand accused of putting lie in the mouth of his prophets, of deluding people by a lie, "a gross lie, a deliberate lie, a terrible lie, and a scandalous falsification"?

Fifthly, T. Williams charges Svami Dayananda with idiocy. "Idiocy," says Webster, "is a defect in understanding." To show that Christ or God suffered from this defect we turn to Gen. 1-31, where it reads :—"And God saw every thing that He had made and behold *it was* very good." Here, to God's understanding, every thing He had made, appeared *very good*. Again, in the 6th Chapter and sixth verse of the same book, we read : "and it repented the Lord that He had made man on the earth and it grieved him at his heart." From the above it is clear that time proved to God's defective understanding that he had cherished fallacious hopes of his creation being very good, as, on the contrary, it turned out a source of a repentence and grief to him. Is not this defective

understanding, idocy ? God or Christ, therefore stands accused of idocy with which T. Williams so anxiously charges Dayananda.

We have shown how Christ declares the Bible to be uninspired, and, therefore, declares himself also a dangerous enemy of his Bible. It is no wonder, then, that T. Williams should charge Svami Dayananda with being dangerous enemy of the Vedas of his time.

And *lastly*, T. Williams, with a truly Christian spirit, throws his missionary weapons against Svami Dayananda, whom he represents as exposed to a damning charge. This is no more unlike T. Williams' God than the former charges were. "The Bible represents God or Christ as cursing and as damning to pain and agony, to servitude and death, whole races of his creatures, throughout all lands and throughout all ages, for the sin of one individual. It represents him as cursing all serpents, making them cursed above all cattle, damning them to go on their belly and eat dust, as putting enmity in men's hearts towards them, because one solitary serpent tempted Eve. It represents him as damning all women, as cursing the earth for the sin of one man, cursing it to bring forth thorns and thistles to annoy all future generations, damning all mankind throughout all lands and throughout all ages to eat of the ground

in sorrow all the days of their life, to eat the herb of the field, to earn their bread with the sweat of their brow, and lastly, to return to the dust. The thought is appalling. Countless millions mercilessly damned to daily and hopeless misery for sins committed before any of them were born, as if one blasphemy were not enough.

One word, before we come to the proper subject. Let T. Williams always remember what his Bible teaches. "He alone should throw arrows at his brother who is himself innocent." Mr. Williams, you should first clear the Bible of its disgusting absurdities and monstrosities, its evil and pernicious doctrines thus rendering yourself and your God innocent, before you raise your head to attack the doctrines of the Vedas, which, Biblically circumstanced as you are, notwithstanding your twenty years' patient study of Samskrita, you are as unable to grasp as the little Grammar Schoolboy his dusty Greek or Hebrew. And now to the subject.

Speaking of Rig, 10.10.10, the authority adduced by Svami, the Rev. Missionary says: "Are you not aware, Sir, that in what Dayananda quotes from Rig Veda 10.10.10, *the speaker is a brother and the woman he speaks to is that brother's sister !!!* The speaker is Yama and the woman he speaks to is Yami, aye, not only

his sister but his *twin* sister." It needed a special revelation in the nineteenth century of the Missionary *elite*, T. Williams, to know that Yama and Yami were twin brother and sister. The proof of this revealed text of T. Williams' inspiration we will learn by and by, but the sinister motive in his insisting upon this personal revelation is obvious. and it is purely Christian. Like a serpent under the rose, he throws his flattering, flowery feelers among the self-deluded Hindus, to exasperate them against the Aryas by joining a common cause, pretending to show that since the mantra means Yami asking her brother Yama's hand and Yama refusing it, the Vedas do not sanction *Niyoga*. This is all pretence, the hidden insinuation is that there were ancient Aryans, the revered and sacred forefathers of the Hindus the great olden Vedic Rishis, among whom even such a depravity prevailed that a sister dared ask her twin brother's sacred *rishily* hand. In the light of present criticism, such hypocrisy shall no longer last, and no more will T. Williams arrogate the position which belongs to God alone. Here is T. Williams' arrogant blasphemy:—"I say it with all positiveness that Dayananda knew that it was Yama that speaks to her twin sister Yami. How terrible, then, is the lie that he is guilty of." Poor Williams, is not your positiveness

the most terrible lie that you are guilty of, terrible because you lie against a person, whose staunch moral character even outdoes your ideal Christ? (Vide *Theosophist* on the subject).

As a proof of his assertion, T. Williams quotes Nirukta, 6-5-5 and, forgetting the original, falls upon a spurious commentary, but rising from his sleep, comes to Nir. 11-11-13, and quotes "Yami Yaman chakame tam pratya chakshu" which means, according to T. Williams, Yami desired sexual intercourse with Yama, he refused her." Where is T. Williams' positive assertion that Yama and Yami, are brother and sister? Poor Williams can only reply, "Yaska's commentator says, "an author is not bound by what his commentator might say," Yaska's commentator shares a remorseless fate. Admitted that the Nirukta of Yaska is a *vedanga* and has full Vedic authority, we trust no one will be so mad as to believe, like Mr. T. Williams, that Nirukta being a *vedanga*, its commentary too is a Vedanga. Impotent Christian logic !!

He comes now to Katyayana, whose words are, "vaivasvatayor yama yamyoh samvadah." Now, learned T. Williams, the infallible authority on Samskrita, translates *vaivasvatayor* into "son and daughter of Vaivasvata," and thus infallibly proves that the hymn is a conversation between twin brother and sister.

But, says Nirukta, 7-26, "*vaivasvata Adityad prerat vata pragatadva*," which means that Vaivasvata is the sun. Again, in Nirukta, 12-10, we read, "*Adityad Yama mithunam janayam chakare*," and, in 12-11 we read, "*ratri radityasya adityodaye antardhiyate*," which means, wherever Yama and Yami, the couple, are mentioned in connection with Vaivasvata, the sun, the meaning of the allegory cleared is, that the night or gloom disappears on the rise of the sun. Has this any thing to do with Yama and Yami, the twin brother and sister, the sons of Vaivasvata ? Absolutely nothing. There is in this allegory no trace of Yami asking the hand of Yama, or the reverse. But Katyayana, whose authority need not be forced upon us, simply says that Yama means a person desirous of continuing the control of his passions, and Yami a similar woman, and the hymn, in an allegorical conversation, describes the duty of such male and female persons.

T. Williams comes, thirdly, to the mantras themselves. He is very proud of counting Yama and Yami six times and three times each as proper names, and his proofs of these as proper names are curious. His first proof is that in the 13th verse, Yama occurs in the vocative case and Yami in the fourteenth verse in the same case. Is T. Williams ashamed of his logic after he has read our criticism on his last article

on the Idolatry in the Vedas ? We quote from Solomon's song, 13.16," "Awake, O north wind and come thou south." Here wind is in the vocative case. Will T. Williams' Biblical logic believe that "wind" is a proper name ? Again we quote from the book of the prophet Isaiah, 1-2, "Hear, O heavens, and give ear O earth." Are "heavens" and "earth" proper names ? Again, in Isaiah 21-13, "O ye travelling companies," is "companies" a proper name ? T. Williams has, perhaps, learnt his Bible and grammar in a mission School only, or, he would not have fallen upon such admirable logic which shines out of the Bible.

T. Williams now discovers the relationship of his "vocative case proper names." He says, that Yama calls Yami his kinswoman "salakshma." Does "salakshma" mean kinswoman, or "of similar virtues?"

"Further on," Williams says, "in the fourth verse, Yama says that Gandharva and his watery wife were their source—*nabhi*, and that their relationship was consanguinous—*jami*." "Watery wife," a Biblical imagination only can conceive, and the husband of such a watery wife, Gandharva, must be residing in tracts of waters mid naval people unknown to ancient Aryans, the inhabitants of the land of Aryavarta. T. Williams has not even that grain of human dignity and pride which keeps a man

consistent. Are Yama and Yami the son and daughter of Vaivasvata or of Gandharva and watery wife ? T. Williams should have answered this question to himself before rushing into print. Again, says he "in the 8th verse, Yami says that Tvashtri formed them as husband and wife, *dampati* in the womb." This, instead of proving Yama and Yami as twins, proves them as husband and wife, (if we are to accept the historical phraseology) by legal contract or mere ceremony, but they were very much naturally inclined, by disposition, and constitution towards this relation. This alone can be the reasonable meaning of Tvashtri forming them as husband and wife in the womb. Otherwise, are we to think that wise T. Williams is piling objections unwittingly against his own position ? Or, if T. Williams be right, might we not question which of the three alternatives is true?" Were Yama and Yami born of Vaivasvata, or of Gandharva and his watery wife, or of Tvashtri in *his* womb?

Again, quoting 9th verse, says T. Williams "that in heaven and earth pairs, 'mithuna,' *i.e.* twins, are closely united." Here again, how does T. Williams conceive that "mithuna," which means pair, means twins ? Does the fact of the pairs being mated prove that the twins are mated ?

T. William's criticism on the tenth verse is no better. "Yatra jamayah krinvan ajami," which means, "the childless become with the child by the marriage relation," is translated by our Samskrita scholar of twenty years' standing, into "hereafter blood relations will do what is unbecoming their blood relationship." At this stage comes the Svami's quotation on *Niyoga*, where Yama says, "Desire another husband than myself." We may leave verses 11-12, as the relation of brother and sister, which T. William wants to establish between Yama and Yami, has already, by his own translations, been proved to be false.

Now, sir, if, after this, any one cavils as to the correctness of Dayananda's translation, why, that man is an idiot. I have shown that the allegorical dialogue is not between twins and that the Svami's translation is right. Dayananda's vilifier T. Williams, calls himself a scholar of twenty years' standing ! I am quite prepared to subscribe, however, to this, that, having proved T. Williams and his God guilty of deliberately telling lies and of having scant respect for Bible, thus charging the Divinity with grossly immoral attributes. T. Williams is undoubtedly the most dangerous enemy of the Bible of his time. The Vedas, however, are beyond such puerile assail.

T. WILLIAMS' LETTER.

(Replied to above.)

In the Sattyartha Prakasha (of 1884) on page 118, Dayananda puts the question:—"Does Niyoga take place even when the husband is living, as well as he is dead?" The answer he gives himself is:—"it takes place when he is living." Now we know what Dayananda means by Niyoga. It is that when a couple (man and wife) has no children then the non-impotent party (man or the wife) may cohabit with certain others of the opposite sex for the sake of obtaining children.

In the preceding part of the chapter he teaches what a wife should do when her husband dies. Advancing from this he here shows what a wife should do even when the husband is living but impotent. He starts the astounding doctrine *that the wife of a childless man while that man is yet alive, may betake herself to some other married man in order to have a child by him.* Support for this monstrous doctrine he pretends to find, not in Manu as before, but strange to say, in the Rig Veda; and quotes *part* of the 10th hymn of the 10th Mandala, as the grand authority, and the only authority for it.

Now, I do not mean to say that there is no indecency in the Rig Veda, for there is, as I can show, but it was left for Dayananda, the founder

of the Arya Samaja, to show that the Rig Veda actually enjoins the grossly immoral doctrine that a woman should betake herself to some other married man for cohabitation if her own husband be impotent? I do not mean to say, either, that the Hindus hear this doctrine for the first time from the Dayanandis, for it is notorious that as a matter of practice the thing has been done by the Hindus for centuries. Use is made in this way of the Panday Brahmans at Allahabad, and it is this kind of thing that has brought such ill-fame to the Mahajans of the Vallabhacharya sect, and attaches such an ill character to the Jaina marriage rites. But what I would say is this that I have reason for thinking that this monstrous doctrine has now, for the first time, in the history of the Hindus, been fathered upon the Rig Veda, and that the unenviable distinction of so fathering it belongs to Dayananda, the founder of the Arya Samaja.

But sir, the unenviability of this distinction becomes a thousand times stronger when it is discovered that it is all a *lie*. Yes, sir, to say that the Rig Veda teaches and enjoins this doctrine is a *gross lie*. What can any man think of Dayananda after such an instance of scandalous falsification of the Rig Veda,—the book he professes to revere as a divine revelation and yet drags so ruthlessly in the mire.

Are you not aware, sir, that in what Dayananda quotes from Rig Veda, 10, 10, 10, *the speaker is a brother, and the woman he speaks to is that brother's sister !!!* The speaker is Yama and the woman he speaks to is Yami, his sister, —aye not only his sister, but his *twin* sister !

What wonder that up to this time no Hindu was ever so mad as to father such a doctrine upon the Rig Veda, for, every Hindu who knew the Veda at all knew that it is Yama who speaks and that he speaks to his twin sister Yami. Dayananda translates it, saying that the speaker is a husband and the woman he speaks to, the speaker's wife. Now, here he *deliberately lies*. I say it with all positiveness that Dayananda knew that it was Yama that speaks and that he speaks to his twin sister Yami. How terrible, then, is the lie that he is guilty of !!!—terrible, because he deliberately lies against a book he professes to believe in as, and proclaims to be, a divine revelation.

The only way for the Dayanandis to escape from this damning charge is to show that it is not Yama that speaks and that the woman he speaks to is not Yami, his twin sister. But how vain any such contradiction must be I will show conclusively. For :—

(1) Apart from the hymn itself, the earliest authority capable of being adduced is Yaska, He, in Nir. 6, 5, 5, quotes the 13th verse

of this same hymn and his comment by saying, "Yami speaks to Yama," etc. etc. But lest any one say that an author is not bound by what his commentator might say, I hasten to give Yaska's own words. When explaining in Nir. 11,3,13, the 14th verse of this evening hymn, Rig 10, 10, he himself says, "Yami Yamam chakame tam pratyachachaksha" which means that "Yami desired sexual intercourse with Yama. He refused her." Now, surely this is plain enough for, it is evident that Yaska and his commentator regard the verses they quote as part of a dialogue between Yama and Yami, in which Yami desires cohabitation with Yama, but that Yama refuses. What has this to do with an impotent husband bidding his wife go to another married man for cohabitation !!! Yaska's commentator says expressly that Yama was Yami's brother. It is needless to remind you, Sir that this Nirukta of Yaska is a Vedanga and therefore has full Vedic authority. How dare Dayananda go directly in the teeth of Yaska, whom he professes to altogether respect, and say that here we have the case of impotent hasband !!

(2) My next authority is one scarcely inferior to Yaska. It is Katyayana. His Sarvanukrama-nika of Rig Veda, giving the Rishi and Devata, etc, of every hymn of that Veda, is the great authority for these matters and is respected by

all. He, Katyayana, too, is the author of the Srauta Sutras of the Shatapatha Brahmana of the Yajur Veda, and, as a Grammarian, is second not even to Panini and the author of Mahabhashya, Patanjali, who is engaged chiefly in illustrating Katyayana's Vartikas on Panini's Grammar. As to the overwhelming character, therefore, of Katyayana's authority in all matters such as we are discussing, there can be no question. Now, in his Sarvanukramanika, he says that there is no Rishi or Sawata of this hymn, Rigveda, 10, 10 but he says that the hymn is a dialogue between Yama and Yami, the son and daughter of Vaivasvata. His words are "Vaivasvatayor Yama Yamiyoh samvadah." Now, sir, apart from the hymn itself, it would be impossible to bring any body whose authority can, in any respect anywhere, approach that of either of these. But, now, I turn to the hymn itself.

(3) (a) The names Yama and Yami occur in the hymn six times, three times each—as proper names. In the 13th verse, Yama occurs in the Vocative case, 'O, Yama,' and in the 14th verse Yami occurs in the same case, "O, Yami." These are the two last verses. The Shatpatha shows that no other construction than that of the Vocative case is possible. This, then shows the name of the interlocutors.

(b) Now as to their *relationship*. In the 2nd verse Yama calls Yami his kinswoman, "salak-

shama." In the 4th verse Yama says that the Gandharva and his watery wife were their (Yama and Yami) source—'Nabhiih,' and that their relationship was consanguinous—"jami." In the 5th verse Yami says that Tvashtri formed them as husband and wife—'dampate,' in the womb. She hereby shows they were united as twins and she argues from that that they ought to be man and wife. Again, in verse 9, she argues in the same way that in heaven and earth, pairs.—'mithuna,'—i.e; twins, are closely united. —'Sabandu,' and in the same verse she says she wishes to treat Yama as not consanguinously connected with him. In the 10th verse Yami says that hereafter blood relation—"jamayah"—will do what is unbecoming their blood relationship—"ajami." In the 11th Yami complains that Yama, though a *brother*,—'bhrata'—does not help her, and that, though she is his sister,—'svasa'—yet he allows calamity to come upon her. In the 12th verse Yama refuses to cohabit with Yami because he says they call him a dimir—"papam"—who sexually approaches—"niyacchhat"—his sister—"svasaram," and in the end of the same verse he says "thy brother, O fair one, deserves not this."—"na te bhrata, subbaga, vaishiyetat." In the Atharva Veda copy of this hymn, this verse is enlarged and Yama's refusal made more decided and solemn.

Now, sir, if after this any one cavils as to the relationship of Yama and Yami, why, that man is an idiot.

I have then shown that the speakers throughout this dialogue, are twins, a brother and sister. The sister Yami desires ardently that her brother Yama should sexually lie with her. The brother Yama points out the sin of so doing, and steadily refuses her, but tells her, to desire and embrace some other man. It is just this in the 10th verse that Dayananda quotes, and translates falsely, so as to show that a woman should, if her husband be impotent, betake herself to some other married man, for the sake of obtaining off-spring ! ! ! Dayananda's apt scholar, Guru Datta, calls his master "the only Vedic scholar of his time." I am quite prepared to subscribe, however, to this, that having proved Dayananda guilty of deliberately falsifying the Veda and of endeavouring to father upon the Rigveda a grossly immoral doctrine of which that Veda is wholly innocent, Dayananda is undoubtedly by far the *most dangerous enemy of Veda of his time,*

MR. T. WILLIAMS

ON

VEDIC TEXT No. I,

"THE ATMOSPHERE"

Mr. Guru Datta says that the Vedic word "Vayu" conveys meaning of "a light, mobile, tremor-communicating, effluvia-carrying medium." He has no other authority for this meaning than the verbal root from which the word 'Vayu' is derived.* Now, sir, whatever meaning the word 'Vayu' may have on account of its derivation, that very same meaning would the English word "wind" have and also the Greek word, Englished as "air" for both these words have the same root as "Vayu," which root is no more less than that represented by the Samskrita "Va"† Mr. Guru Datta is wrong in saying that

*No other authority, it must be remembered, is at all required. For, in the Vedic literature the *Yaugika* sense of the word is the only guarantee of its correctness, and in some cases, is the only sense possible to give to a word.

—*Guru Datta Vidyarthi.*

†This is incorrect, for, it is only proper to take that sense of the word only, which is recalled into consciousness of those who employ the word whenever the word is spoken. Now, the word 'wind' does not recall any such meaning in the minds of its speakers. But in the case of Vedic word, (which as Vedic are quite distinct from *Laukika*) no sense is at all recalled, unless it be the very sense accruing to it from its derivation. This essential difference between *Laukika* and Vedic words, the critic does not understand, and hence his mistake.—*G. D. V.*

the Nirutakara derives “Vayu” from the root “va” to move, to carry odoriferous matter, or from “vha” to communicate tremors.” Yaska, the prince of Niruktakaras, only, gives “va” (Nir. 110, 2) and his commentator adds to “Va” “gatigandhanayos” quoting from Ad. P. It is probable that this “gandhana,” suggested Mr Datta’s odoriferous matter,” but he ought to know that it is now a settled thing that the word “gandha”—smell—comes from the verbal root ‘gandh,’ which never means to smell, but to go or to hurt, or to ask; and “gandhana” is from this verbal root and not from the noun “gandha.”* But this is not his great mistake in his derivation of “Vayu”; it is in his saying that “Vah” is given by a Niruktakara as an alternate root! What is his authority for this? He should have given chapter and verse for his statement. The derivation from ‘Va’ is clear enough and the only one given by the chief Niruktakara Yaska, or by any other commentator that I have yet seen.† It is from

*The critic is wrong when he thinks that the author of the Vedic Text No I confounds “Gandhana” with the noun “gandha.” For, it is “gandhana” which means a form of Suchana producing that form of consciousness which is called smelling.—G. D. V.

† Is it not strange to find that the critic should betray the very same ignorance of Nirukta with which he charges Pt. Guru Datta. For ‘va’ is not the only root given by Niruktakara. As the critic would suppose, but in one place whose reference is not given in the text, the Niruktakara derives it from at least these, ‘vati’ ‘vetti’ and ‘eti,’ I quote the passage from memory, ‘Vayurvater vetter vosyadgati karmanah, eteriti sthaulashtive.—Ed. A. P.

this root that “wind” and “air”‡ are derived, so that I repeat, whatever Mr. Datta has to say for “Vayu,” that is true, that must also be said for those two words. His vituperate reference to the word “air” is both foolish and ignorant. ¶Now, from what I have said, there is nothing specially to be attributed to the Vedas because this word “Vayu” occurs in it as an appellation of the Atmosphere. Long before Madhucchandas composed, or, if Mr. Datta will have it, *saw* this Rk., the idea of the word “Vayu” as an appellation for the atmosphere was the common property of all the Indo-European peoples.°

‡Mr. Williams must be a great philologist to derive “wind” and “air” from the same root—*Ed. A. P.*

¶Mr. Williams could well have spared such harsh words. They cannot prove his contention.—*Ed. A. P.*

“What does vague philology know of human history ? Long ages after Madduchandas or earlier rishis saw this Rk. the European nations had not even assumed their existence, what to say of “the idea of the word ‘vayu’ as an appellation of the atmosphere” being the common property of all the Indo-European peoples.—*G.D.V.*

Mr. PINCOTT ON THE VEDAS

It will be interesting for our readers to hear what a well-known man in England of Mr. Pincott's ability, has to say on the subject of the Vedas. His letter on the subject is annexed. It is, no doubt, "interesting to the Samaja to come to a clear idea of what constitutes the Vedas." But the Samaja never had any unclear ideas about them, for, whenever we speak of the Vedas about them, the term is to us "self explanatory," and, no doubt, the four well-known *Samhita* books are present to our mind whenever we speak of the Vedas. It has been a matter of great difficulty, of course, for European Scholars to distinguish between the Vedic and the non-Vedic, for, arguing upon merely-hypothetical grounds, founded not upon any genuine scholarship of Samskrita literature or language, but upon a Pseudo-philological and evolutional grounds, mainly deriving their support from the so-called Comparative Psychology, whereas they were at the same time prepossessed with a quite erroneous Biblical chronology, these *honest, consistent* Scholars had to deal with matters purely conjectural, when the Vedas were presented to them for study. So far removed were the languages of the Vedas, their diction and their subject-matter from what they expected to meet with on a

priori conception, that their whole scheme of the already well-known methods of interpreting archæological records had to be given, and, to meet the demands of their pre-conceived notions, all interpretations had to be elaborated, sometimes forged, and at other times distorted from their original sense. Hence their conclusion "that the term Veda applies to only that portion of Samskrita literature which existed before the historical period commenced," as if, implying thereby, that there was any portion of Samskrita literature that was prehistoric or unhistorical. This they would not help, for, although a chronological record of the various periods at which these books of Samskrita literature, which are now called prehistoric or Vedic, were recorded, existed, yet the epochs assigned according to this system were so immense as to transcend all bounds of European Biblical matter-of-fact imagination. Howsoever exactly or approximately may the epochs assigned by Hindu chronology tally with the conclusions of unsophisticated, geological and scientific research, to assign such an immense antiquity to the Vedas was involuntarily perceived to be a death-blow to the very foundation of Christianity. Under these circumstances of prejudiced European Scholarship, Mr. Pincott does a great service to point out that the term Vedas can only be applied to

the *Samhitas*. The Brahmanas, the Upanishads, the *Aranyakas*, the *Shrauta Sutras* and the *Vedangas*, 'being' only meant to explain the *Samhitas*, are decidedly *Vedic* but not the *Vedas*; all other books, philosophies, plays, law-books, epochs and *Puranas* decidedly being non-*Vedic*. He also does well to point out the various functions of the *Vedangas*, the *Shrauta Sutras*, the *Aranyakas* and the *Brahmanas*. But to think that at least some of the *Vedangas* were meant to teach the ceremony of sacrifice and proper astronomical times to offer worship, is not wholly correct. The object of the two *Vedangas*, *Kalpa* and *Jyotish*, is decidedly sacrificial and astronomical, but neither the sacrifices are meant as ceremonies, nor astronomy as intended to fix times for offering worship. The object of both is to elucidate certain problems concerning the constitution of the moral and physical universe, a proper understanding of which can alone ensure a realization of *Vedic* truth. And again, to think that the *Brahmanas* treat of transcendental subject and were first uttered at "a time when no contradiction or objection was anticipated, for, all questions of probability or possibility are thrown to the winds and the wildest statements are unhesitatingly made in simple faith with all the luxuriance of unrestrained growth," evinces an ignorance o

the Brahmanas which is in no way praiseworthy. Discussion on transcendental subjects there are, and, the *wildest* statements are so as the *simple* faith of Christians cannot conceive of the truthful *luxuriance* and *unrestrained-growth* of theological truths.

Laying aside these differences, we are at one with Mr. Pincott in the functions to be assigned to various records.

As for the Vedas themselves, there is much to differ. That in the older period only three *Samhitas* were recognized and the language of the Atharva Veda is so modern that the same antiquity cannot be assigned to it, is not necessary for us to refute, for keeping out of consideration the application of the term *Atharvan* to the fourth Veda, it cannot be doubted that the fourth Veda is made mention of in the other *Samhitas*. To quote, for instance from the 31st Chapter of Yajur Veda, 7th Mantra त स्माद्यज्ञात्सर्वदृत ऋचः सामानि जङ्गिरे । छन्दा-
छंसि जङ्गिरे तस्माद्यज्ञुस्तस्माद्यायत । The emanation of the four Vedas from the Divine essence is clearly pointed out under the four respective names of *Rig*, *Sama*, *Chhandansi*, and *Yaju*, and to preclude the supposition of *Chhandansi* as merely meaning metrical compositions and therefore as simply qualifying the other three Vedas, the verb *jajnire* is distinctly coupled with *Chhandansi* which clearly shows that a

fourth Veda is made mention of. It remains now for the historical genius of European scholars to discover that an anterior Veda existed still before the others and to prove beyond doubt that the one referred to is not the Atharva.

The value of the assertion that "no European Scholar would dream of placing it (Atharva) higher than the Brahmana period," is sufficiently plain. As for its being the source of Hindu religion, one has only to refer to the various *Samskara Padhitis* and find out how many *mantras* of this Veda are used in them.

We now come to the other three Vedas, for a correct knowledge of the respective functions of which we should refer the reader to "The Terminology of the Vedas." But we wish to point out in this connection that the mistake of European Scholars in arguing the priority of the Rig Veda from the fact of the Yajur and Sama texts being wholly or partially found in the Rig Samhita lies in their ignorance of the modifications both in *sense* and *relation* effected by what are called the *Swaras* of the Vedas, a branch of study which Europeans so little know of. That the same *mantras* appear in different *Swaras*, and with different *devatas*, in the three Vedas, may be taken as a proof of the priority of any one of them to the other two, but the proof really amounts to the statement of the independence of the texts of the three Vedas.

We now come to the Rig Veda, whence according to the European scholars, the two other Vedas are derived. We shall not dwell upon "the simple directness of its style" nor upon "the plain matter-of-fact way in which all its statements are made," for the aphoristic saying, बुद्धं पूर्वा वाच्यं कृति वैदे, *i.e.* everywhere in the Vedas we meet with a diction designating the highest intelligence, is too well-known to be disputed. Further, as clearly proved by Jaimini, the Vedas are not "the natural outpourings of the human heart in times beyond the reach of history," they are rather the Divine influxions of religious injunctions at a time which forms the first link in the chain of History. To a reader well-versed in the Bible it is easy to conceive that the sacrifice should come to be regarded as a "simple spontaneous act of worship," but to the unsophisticated inquirer, unless he be a believer in the preternatural doctrine of vicarious atonement, the sacrifice, as understood by the Christian world, is neither a "simple nor a spontaneous act of worship." Surely, the above-mentioned doctrine plus the untheological belief that God can be moved or propitiated by flattery or presents made, can afford a ground for such an unqualified assertion as that of the "sacrifice" being a "simple spontaneous act of worship." The *yajna*, so ignorantly translated by the European world as "sacrifice," really implies an application of

natural principles to practice, and, by the consent of the Rishis of India, became necessarily significant of such application for sanitary and charitable purposes.

The assertion further made with respect to the Rig Veda being a collection of poems "representing various stages of development," also deserves to be considered. The first and natural impressions produced upon seeing a book bearing a definite name is that of its being the production of *one* author, and this is the impression naturally believed in until further evidence is received to the contrary. We shall deal with the Vedas also in the same light.

It is assumed that there is one author of the Vedas, so long as evidence to the contrary does not overthrow this assumption. Such evidence in the case of Vedas is mainly twofold:—Firstly, because various portions of the *mantras* are assigned, how, it matters not, to different Rishis and, 2ndly, some *mantras* seem to contain "simple prayer of child-like faith, others are profoundly philosophical," "while others, again, are distinctly sacerdotal." Since "child-like," and "philosophical" cannot both originate from the same source, nor perhaps in the same age, it is essential to assign not only various epochs but different authorships also to different portions of the Vedas. Such being the evidence of the various stages of development represented

in the *mantras* it behoves the truth-seeking inquirer as well as the honest student of the Vedas to note down that the truth of the conclusion entirely depends upon the truth of its premises. Parts of the Vedas proclaim "child-like" faith and others are "profoundly philosophical? May not our system of interpretation, which assigns so wide a difference in the contents of different portions of a book held equally authoritative and equally ancient by its believers be wrong? It is more reasonable to believe that our interpretation is wrong than to hypothecate, different epochs as well as different authorships to meet our fancied interpretations.

By some the Vedas have been construed to yield abundant stock of historical harvest as thus interpreted. The fact of "Gold and silver ornaments, war chariots, costly dresses, handsome buildings, manufactures, trade, sea-voyages, ceremonial observances and several classes of priests being mentioned in a book" which also speak of the *Sapta Sindhva*, or the seven rivers, is *indeed* an infallible evidence of the advanced state of civilization. May not a student of Bacon, meeting in the course of his studies with rich and faithful dissertations on the methods of experimental philosophy and inductive reasoning, as infallibly conclude that *when Bacon's Novum Organum first saw the light, the country of Bacon's nativity was in a highly ad-*

vanced state of civilization, for not only are all the methods of scientific investigation known and therefore practised but they are found mentioned INCIDENTALLY,—a fact so significant of the entire familiarity with science in those days ?

We now come to the recent discovery that the hymns of the Rig Veda contrary to the previously prevalent opinion, are arranged in a definite order according to the family and poet to which they are ascribed, according to the deity addressed and according to the length of each poem,—a discovery which at once throws light on the Rig Veda being a collection of one thousand, seventeen hymns arranged in ten divisions, six out of which, not to speak of the other four which are occupied with the ritual of an ancient sacrifice, with the praises of the sacred liquid offered at the sacrifice, and with the mythological miscellany, have been preserved traditionally in six ancient families or tribes. The secret of this is that European scholarship is not yet aware that *vamsha* or family in ancient India was construed according to birth or according to learning, the one being called *gotra* or *jativamsha*, and the other *vidyakula*. The different Rishis, the seers of the *mantras*, which are so ignorantly ascribed to them, belonged, by virtue of their being seers of the *mantras*, to the same *vidyakula* and not to the same family or tribe.

We have finished briefly our remarks on the Rig Veda and very summarily disposed of the misconceptions that have crept thereon. One thing more and we have done.

It is to be deplored that the six schools of philosophy should have been so much misunderstood and misconceived by European scholars. The Darshanas date at a period when not a trace of Buddhism was at all to be found, but the sceptical, atheistic, and reason-demanding temperaments have never been rare, and the controversial character of the Darshanas, apparent to the European scholars, is due rather to the comprehensive, imaginative, clear, anticipating and fore-casting minds of the Darshana-writers than to the hurriance sweepings of the Buddhistic reform, a reaction which is rather embodied in the *neo-Vedanta* of *Shankaracharya*, than in the Darshanas.

We shall, at our leisure, take up and dwell upon, at length, the various points herein but briefly touched, at some future date.

Mr. PINCOTT'S LETTER (REPLIED TO ABOVE)

It cannot be other than interesting to the Samaja to come to a clear idea of what constitutes "The Vedas." Many people speak of "the Vedas" as though the term were self-explanatory; or as though some well-known books were always present to the mind whenever the expression is used. This, however, is very far from being the case. The Majority of people have no idea whatever as to what constitutes "the Vedas." Hindu scholars apply the term to much which Europeans peremptorily reject as obviously non-Vedic; and even European are far from unanimous as to the precise limits to be ascribed to the Vedas. But upon one point there no doubt or variation of opinion among both Europeans and Hindus, and that is, that the term "Veda" applies to only that portion of Samskrita literature which existed before the historical period commenced. "The Vedas," properly speaking, comprise only that fragment of Hindu literature which is believed to be the revealed Word of God; and the term is precisely equivalent to the Bible among Christians and the *Quran* among Musalmans. But when we have arrived at this conclusion the difficulty is not removed; for there are no generally-recognized books which can be

presented to view as "the Vedas;" there is, instead of that, a vast literature, unsettled quantities of which are held to be Vedic, and the rest more or less secular.

In the few moments at our disposal I cannot explain the simple, but laborious methods by which scholars have separated Samskrita literature into its various stages, and have established the truly Vedic portion of the whole. The application of the simplest tests reveals the fact that the Puranas are subsequent to the Darshanas or philosophical works; and that the six schools of philosophy, the law-books, the plays, and the epochs, were all composed after the great grammatical epoch, when the famous works of Panini, Yaska, and the older Pratishakhya-s, were put together for the purpose of explaining the still more ancient Vedas. Pandit Guru Datta, to whose learned paper we listened at a recent meeting, states that the very language in which Samskrita books are written, marks the historical development of the series. His words are "Samskrita of the Puranas is so different from the Samskrita of Mahabhatta and that of the Darshanas, which again is so different from the Upanishads, that the clear line of demarcation in each case is easily laid down."

The various processes of investigation have established the conclusions that the books called the Sambitas are the oldest Hindu books

now existing; that next to them come the Brahmanas, and in intimate connection with these last are books known as Aranyakas, and others called Upnishads; and that these were followed by treatises known as Shravuta Sutras, and the Vedangas. Most of these books are by well-known historical personages; and indeed, the names of even the saints who first proclaimed the Vedas, are, generally speaking recorded; although the saints are not considered to have been the authors of what they taught. They are held to have been highly favoured mortals who received from Om (high) certain Divine revelations, and then proclaimed to their fellow mortals the secrets they had received. But all the works of which we are now speaking are intimately bound together by one great fact, that whether ascribed to authors or to divinely inspired saints, they all directly refer to and are based upon, the books called Samhitas. The object of all the other Vedic works is to explain the meaning and the proper use of the portion called Samhita; and this of itself is sufficient to show that the Samhitas are the most ancient relics of the Hindu religion, and form the background, so to speak, of all Hindu literature. In short, Samhitas form, properly speaking, the *Vedas*; the other works to which I have just alluded are certainly Vedic, because their whole object is to explain,

and illustrate the Vedas; but no other portion of Hindu literature, save the Samhitas, Brahmanas, etc; has any right to be included under the terms *Veda* or *Vedic*. All the books which we hear so much about—the Philosophies, the Plays, the Law-books, the Ramayana, the Mahabharata, and the Puranas—are quite outside the pale of Vedic literature.

This matter is of much significance to the Arya Samaja; because one of the rules of that Society is a pledged reverence for the Vedas. It is impossible for me to enumerate the various works which are really Vedic, nor is it necessary that I should do so. Without reckoning abbreviations and commentaries, the India Office Library alone contains about 300 original Vedic works. It happens, however, that all Vedic works may be classed under one or other of the following heads :—

1. The *Vedangas* which teach the student how the words of the Veda should be pronounced, grammatical construction, and derivation of the words, the metrical rules for correctly reciting the ceremony of sacrifice, and the proper astroromical times for offering worship.

2. The *Shrauta-Sutras*. These important treatises give the complete ceremonial for the performance of Vedic rites both in public and in private. They comprise special treatises for the different kinds of priest, teaching them

*how and when they should perform their various functions in conformity with the Veda.

3. The *Upanishads*. These are short works of a highly philosophical character treating of the hidden meaning of the Brahmanas and the ancient hymns, and reasoning on the nature of God and the soul with much earnestness and logical acumen.

4. The *Aranyakas*. These form one branch of Upanishad literature ! but there is something about them of a more primitive character. They were intended to guide the thoughts of the ancient ascetics, who, after performing the active duties of life, retired to the forest and spent their declining years in reflecting on the spiritual meaning of the Brahmanas.

5. The *Brahmanas*. These are, primarily, ceremonial works for the use of Brahmanas; but in addition to the directions they give for the performance of sacrifices, they comprise a great deal of extraneous matter connected with the origin and history of the world, speculations of a more or less philosophical character, mixed with explanations, old stories, etc. These works have preserved for our use the first speculations of the Brahmanas on transcendental subjects, and they were obviously first uttered at a time when no contradiction or objection was anticipated, for all questions of probability or possibility are then thrown to the winds, and the wildest statements

are unhesitatingly made, in simple faith, with all the luxuriance of unrestrained growth. These most ancient works, however, were always held in deep reverence, and are reckoned part of the Revealed Word. The primary use of these curious works was, however, to explain the sacrifices at which the older hymns were sung, and, therefore, they also are only dependent upon and grew out of the Samhitas.

This brings us to the last and highest point in Hindu literature; but in order to lead the mind back to the starting point of all Hindu religion we must examine the Samhitas themselves, and see what relation they bear the one to the other. In more recent times four Samhitas are reckoned, called the "Rik," the "Sama," the "Yajuh," and the "Atharva." In the older period, however, only three Samhitas were recognised; but no one can deny the modern character of the language in which the Atharva Veda is expressed, and allow it the same antiquity as to the other three. Indeed commentators themselves are very undecided as to its authority, and no European would dream of placing it higher than the Brahmana period, the style and language of which, in some part, it resembles. The Atharva is most certainly not the source of the Hindu religion, and may safely be set aside.

There remain, then the three primitive Samhitas, and of these two may be immediately

distinguished from the remaining one by purely ritualistic character. The "Yajuh," as its very name tells us, is "that by which the sacrifice is offered"; and it consists of verses almost entirely taken from the Rik-Samhita, accompanied by profuse directions as to the actions to be performed while they are being recited. The Sama consists of hymns and parts of hymns the whole of which is taken from the Rik-Samhita; but in the Sama Veda, these quotations are arranged in the order in which they are to be chanted at the sacrifice. It is perfectly plain that both the Sama and the Yajur must be subsequent to the Rik-Samhita, for they consist of little else than quotations from the Rik, taken out of their natural poetic connection, and placed in the artificial order necessary for sacrificial purposes.

Setting, then, these rituals aside, we come to the work whence they were both derived —the famous "Rik," or "Rigveda-Samhita." This work is conspicuous in all Indian literature by reason of the simple directness of its style, and the plain matter-of-fact way in which all its statements are made. It contains the natural out-pouring of the human heart in times beyond the reach of history, when the sacrifice was a simple spontaneous act of worship, and man was looking up, in hope and fear, from nature's works to nature's God. The Rig Veda

stands high and away above all the speculations and crudities which have been built upon its honest statement; and will continue to stand a monument of unaffected piety, and a perpetual beacon to guide the human mind in the path of Truth.

It must not be supposed, however, that the Rigveda is a collection of simple poems expressing one phase of thought and civilization; on the contrary, it contains poems differing widely from each other, representing various stages of development. Some are simple prayers of child-like faith, others are profoundly philosophical; while others, again, are distinctly sacerdotal. When these hymns first saw the light, the country of "the seven rivers" was in an advanced state of civilization; for, we find frequent mention of gold and silver ornaments, war chariots, costly dresses, handsome buildings manufactures, trade, sea-voyages, ceremonial observances, and several classes of priests. But all these things are mentioned incidentally., the poems themselves are short compositions addressed to one or more deities, asking for success in war, prosperity in trade or long life, in return for the praises offered.

The Rig Veda contains 1,017 hymns, arranged in ten divisions., the first division I have recently discovered to be the ritual of an ancient

sacrifice, and it is probably the oldest ritual in the world; the next six divisions contain hymns preserved traditionally in six ancient families or tribes, all the hymns ascribed to each particular saint being placed together; the eighth division contains hymns which had not acquired general recognition at the time the arrangement took place; the ninth division is a special collection of hymns in praise of the sacred liquid offered at the sacrifice., and the tenth division is a miscellaneous collection of long and short poems of a more or less mythological character, and, for this reason, properly placed at the end.

It is clear from this sketch of the arrangement of the Rig Veda, that it is not a ceremonial text-book, like the Sama Veda or Yajur Veda; but that it is a collection of sets of poems, preserved from an indefinite antiquity in various families, all the hymns ascribed to one saint and one family being placed together. It was formerly my good fortune to discover that, contrary to the opinion universally entertained previously. the hymns of the Rig Veda are arranged in a definite order, according to the family and poet to which they are ascribed and according to the deity addressed and the length of each poem. The Rig Veda is simply a well-ordered store-house, from which poems could be selected, as desired, for sacrificial purposes. Some of the hymns were first uttered

at a time when official priests were unknown; others were promulgated when a priesthood had come into being; but at the time when the whole collection was brought together in the form in which it has been transmitted to our days, a complicated ceremonial was in existence. It was for the purpose of authorizing that ceremonial that the collection was made; and it was in order to perform that ceremonial that the special arrangement of hymns forming the first division of the Rig Veda was put together.

It is impossible to pursue this interesting subject further on the present occasion; but I hope I have said enough to show that the Rig Veda is the only real Veda, and that is the book which all should study who entertain respect for the *Vedas*. Everything else in Hindu literature rests upon, and has grown out of that book. As regards the rest, beyond the Samhitas, Brahmanas, Aranyakas, Upanishads, Shrauta-Sutras and Vedangas,—nothing else has the slightest right to be ranked as either Veda or Vedic.

After the Vedangas, the Buddhist reform swept over India like a hurricane; and the Brahmanas were driven to reason with their antagonists, and to develop the schools of philosophy for the purpose of establishing the logical consistency of their faith. During the

Buddhistic period Greek influence also spread over Northern India, and when Buddhism fell all recollection of Vedic ideas and all sympathy with Vedic feeling had passed away. Then modern Brahmanism arose, with its philosophies its *Shastras*, its theatricals, its poetry, and its *Puranas*.

The growth of this wild jungle of scholarship and fable was brought to stoppage by successive Muhammedan incursions, and by the final subjugation of the country to Mughal rule. Under a more enlightened administration the intellect of India is again developing, and wisely returning to a study of those real models of national development found in the hymns of the Rig Veda.
